



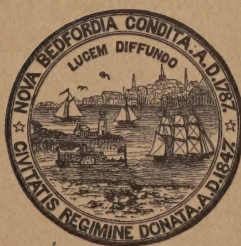




CITY DOCUMENTS

Municipal Register 1920, Mayor's Address to the Council, Annual Reports, Etc.

FOR THE YEAR 1919



CITY OF NEW BEDFORD
MASSACHUSETTS

INDEX IN DETAIL

CITY DOCUMENTS.

Index.

MUNICIPAL REGISTER.

	Page
Members of City Government.....	1A
Joint Standing Committees of City Council.....	2A
Departments, Heads, Personnel and Salaries.....	2A
Other City Officials.....	3A
Board of Health, Personnel and Salaries.....	3-4A
Assessors, Personnel and Salaries.....	5A
Overseers of the Poor, Personnel and Salaries...	5-6A
Trustees of Free Public Library.....	6A
Commissioners of Sinking Fund.....	6A
Water Works and Water Board.....	6A
Board of Park Commissioners.....	7A
Cemetery Board	7A
Registrars of Voters.....	7A
Licensing Board	7A
Board of Fire Engineers, Personnel and Salaries..	7A
New Bedford Protecting Society.....	8A
Police Department, Personnel and Salaries.....	9-12A
Weighers of Merchandise.....	12-15A
Weighers of Coal.....	15-16A
Weighers of Boilers and Heavy Machinery.....	16-17A
Surveyors of Lumber.....	17A
Measurers of Wood and Bark.....	17A
Special Police	17-19A
Election Officers	19-27A
Ward Lines	27-29A
Voting Precincts	30-32A
MAYOR'S INAUGURAL ADDRESS.	
Twenty-first address of Hon. Chas. S. Ashley.....	1B
ANNUAL REPORTS.	
Bath House Committee, 14 pages, folio letter C.	
Introduction	3C
Personnel	3-4C
Financial statement	4-5C
Recommendations for changes and improve- ments	5-6C
Report and Recommendations of super- intendent	6-14C
Building Department, 24 pages, folio letter D.	
New Central Police Station.....	3D
Emery Street School.....	3-4D
Office Bldg., Rural Cemetery.....	4D
Old High School, reconstruction of.....	4-5D
Municipal Hospital	5-6D
Portable School Buildings.....	6D
General repairs:	
Schoolhouses	7-10D
Miscellaneous	10-11D
Recommendations for repairs to buildings....	12-14D

INDEX IN DETAIL.

3

Page

Building statistics:

Schools	15D
Police stations	16D
Fire stations	17D
Other public buildings.....	18D
Inspector of Building's Report:	
Building statistics for 1919.....	19D
Statistics of previous years.....	20D
Inspections by department.....	21D
Violations reported and corrected.....	21D
Garage Ordinance	22-23D
Elevation inspection	24D
Inspection of street signs.....	24D
Conclusion	24D

Cemetery Department, 15 pages, folio letter E.

Personnel	2E
Financial statement	4E
Classified expenditures	5-6E
Recommendations of Commissioners.....	7-8E
Report of Assistant Superintendent.....	9-11E
Summary work done in 1919.....	12E
Perpetual care fund.....	13E
Report of Caretaker of Soldiers and Sailors graves	15E

City Clerk, 27 pages.

License receipts	3
Fees	4
Other financial business.....	4-5
Dance licenses	5-6
Vital statistics	6-8
Elections	8-26

City Auditor, 49 pages.

Appropriations, receipts and expenditures, 1919..	Insert
Receipts	3-8
Taxes	3
Licenses and permits.....	3
Fines and forfeits.....	3
Grants and gifts.....	4
Special assessments	4
Privileges	4
Departmental	4-5
Public service enterprises.....	6
Cemeteries	6
Interest	6
Municipal indebtedness	7
Sinking funds	8
Agency and trust funds.....	8
Refunds	8
Total cash receipts.....	8
Payments	9-38
General government—departmental.....	9-13
Protection of life and property.....	14-16

	Page
Health and sanitation.....	17-22
Highways and bridges.....	23-24
Charities	25
Soldiers' benefits	26
Education	27-29
Libraries	30-31
Recreation	32-33
Unclassified	34
Public service enterprises.....	35
Cemeteries	36
Interest	37
Municipal indebtedness	37
Sinking funds	37
Agency, trust and investment.....	38
Summary	39
Balance sheet	40
Statement of bonded debt and sinking funds..	Insert
Schedule and valuation of city property.....	42-47
Recapitulation	48
Certificates	49
City Treasurer, 4 pages.	
Statement of cash receipts and payments.....	4
Collector of Taxes, 2 pages.	
Statement of tax collections.....	6
Treasurer of Gifts, Bequests and Trust Funds, 4 pages.	
Charles S. Paisler education fund.....	7
Kempton fund	8-9
Sylvia Ann Howland, education and library fund	9
George O. Crocker, library fund.....	10
Charles L. Wood, library fund.....	10
Oliver Crocker, library fund.....	10
George Howland, Jr., library fund.....	10
Charles W. Morgan, library fund.....	10
James B. Congdon, library fund.....	10
Jonathan Bourne, school fund.....	10
Commissioners of Sinking Funds, 9 pages.	
Treasurer's account	11
Table of investment of funds.....	12-16
Division of sinking funds.....	17
Statement of conditions of sinking funds.....	17
Certificate of accountant.....	19
Engineering Department, 14 pages.	
Municipal statistics	2
Expenditures	3
Scope of work.....	4
Plans for new sewers.....	6-7
Personnel	7-8
Service rendered, classification of.....	9
Streets laid out.....	10
Meteorological record, 1919.....	11

INDEX IN DETAIL.

5

Page

Tides, record of.....	12
Streets discontinued	13
Alteration of lines.....	13
Expenditures for account of intercepting sewer	14
Table of rainfall.....	Insert
Table of sewer construction.....	Insert

Fire Department, 23 pages.

Personnel	2-4
Apparatus	5
Fire loss	6
Financial statement	7
Fatalities	6
Report of alarms, losses and insurance for 1919	8
Causes for alarms and fires.....	9-10
Recommendations of Chief.....	10
Conclusion	11
Roster	12-19
Fire alarm telegraph.....	21-23

Health Department, 45 pages.

For index, see page 45.

Inspector of Animals, 2 pages, folio letter M.

Inspector of Wires, 6 pages, folio letter N.

Inspection of inside wiring.....	3N
Removal of overhead wires and construction	3-6N
Outside work	6N
Police signal system.....	6N

Trustees of Free Public Library, 35 pages, folio letter O.

Personnel	2O
Librarian's report	4-7O
Juvenile department	8-9O
Reference department	10O
Art department	10-11O
Genealogical department	11-12O
Additions	13O
Circulation	13-14O
General statistics	14-16O
Library statistics	17-18O
Funds	19-22O
Expenditures	23O
Meetings	24-35O

Department of Parks, 25 pages, folio letter P.

Personnel	2P
Report of commissioners.....	4-12P
Report of superintendent.....	14-16P
Financial report	18-25P

Police Department, 17 pages, folio letter Q.

Personnel	3Q
Arrests, number of.....	3Q
Nativity of prisoners.....	4Q
Offences	4-6Q
Primary disposition of cases.....	6-7Q
Report of inspectors' department.....	7Q

	Page
Report of policewoman.....	7Q
Matron's report	7Q
Miscellaneous business	8Q
Roster	9-16Q
In memoriam	17Q
Board of Overseers of the Poor, 13 pages.	
Members of the board.....	2
Personnel of department.....	3
Report of overseers.....	4
Mothers' aid law.....	5
Almshouse department	6
General statistics	7-8
Reports of physicians.....	9
Almshouse register	10
City Farm, products of.....	11
Financial statement	12
Detailed expenditures for outside relief.....	Insert
Detailed expenditures for almshouse.....	Insert
Expenditures	13
Sealer of Weights and Measures, 10 pages, folio letter S.	
Report of Sealer, analysis of work performed and recommendations	3-5S
Work performed, table of.....	6S
Test weighings and measurements.....	7S
Summary of inspections.....	8S
Tests	8S
Court cases	8S
Financial statement	9S
School Department, 82 pages.	
For index, see pages 81 and 82.	
Superintendent of Streets, 58 pages, folio letter V.	
General statistics	4V
Appropriations and expenditures.....	5V
Highways and streets, gross expenditures....	8-9V
Streets laid out and accepted.....	10V
Streets discontinued	10V
Alteration of lines.....	10V
Dust suppression	11V
Teaming and trucking account.....	12V
Highways and streets, surface.....	13V
Gutters	14V
Highway improvement	15V
Financial statement	18V
Bituminous concrete pavement, Endurite.....	19V
Granite block paving.....	20V
Wood block paving.....	20V
Stone crushers	21V
Curbing, new	22-25V
Gutters, new	26-27V
Filling and grading.....	28-29V
Granolithic sidewalks	30-33V
Macadam loan, statement of account.....	36V
Macadam, penetration	37V

INDEX IN DETAIL.

7

	Page
Resurfacing penetration macadam.....	38V
Macadam, waterbound	38V
Bridges, financial statement.....	40V
Report of drawbridge.....	41V
Forestry, financial statement.....	44V
Sewers and drains, financial statement.....	46V
Drains laid	47V
Sewers	50V
Catch basins, new.....	51-52V
Eyeholes, new	53V
Recapitulation	54V
Manholes	55V
Garbage collection	58V

Water Board, 59 pages, folio letter W.

Personnel of department and board.....	2W
Financial statement	3W
Introduction	4W
Contracts executed	5W
Resume	6W
Report of registrar.....	7-14W
Financial statement	7-10W
Expenditures from beginning of works....	10-14W
Report of Superintendent.....	15-33W
Record of rainfall.....	16-17W
Water analysis, State Board of Health.....	18-19W
Meters, size and maintenance.....	28-29W
Drinking fountains	30W
Consumption of water.....	31W
Comparison of tables.....	32W
Summary of statistics.....	34-48W
Location of hydrants set in 1919.....	49-50W
Location of hydrants removed in 1919.....	51W
Location of watering cart hydrants removed in 1919	52W
Statement of work done by service department	52W
Summary of statistics.....	54-59W

City Ordinances, 13 pages, folio letter X.

An Ordinance amending an Ordinance relating to Public Vehicles.....	3-8X
An Ordinance making regulations as to pawn- brokers and dealers in junk, etc.....	8-9X
An Ordinance regarding the erection or con- version of a building for use as a garage....	10-11X
An Ordinance amending Sec. 382, R. O., to pro- vide for a Fourth Assistant Engineer of the Fire Dept.	12X
An Ordinance amending Sections 466 and 468, the so-called Bidding Ordinance.....	13X

Trustees of the Charles Kwiatkowski Fund.

Report of trustees.....	14X
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Municipal Register

JUNE 1, 1920

MAYOR

HON. CHARLES S. ASHLEY, 93 State Street,
Salary \$7,500.

ALDERMEN—Salary \$100 each.

Ward One:—NAPOLEON RICARD.....128 Bowditch Street
Ward Two:—JAMES F. COLLINS.....27 Trinity Street
Ward Three:—WILLIAM R. GRINDROD..1131 Purchase Street
Ward Four:—CLIFTON W. BARTLETT..2 No. Orchard Street
Ward Five:—CHARLES M. CARROLL.....150 Page Street
Ward Six:—THOMAS KIRKHAM.....24 Valentine Street
Clerk:—W. H. B. REMINGTON.

COMMON COUNCIL

Ward One

JAMES CONNOR.....165 Tinkham Street
JULIEN DESROCHERS.....82 Holly Street
GEORGE H. DUCKWORTH.....319 Davis Street
JOSEPH HARRISON.....208 Eugenia Street

Ward Two

AUSTIN FOWLER.....139 Adams Street
ARTHUR J. LAVALLEE.....607 Cottage Street
HENRY ORTNER.....25 Adams Street
JOHN H. RILEY.....79 Linden Street

Ward Three

FREDERICK C. LUCE.....128 Campbell Street
JAMES L. McCARTHY.....30 Richmond Street
FRANK A. McNULTY.....131 Parker Street
EDWARD L. MORIARTY.....387 Park Street

Ward Four

SAMUEL HIGGINBOTTOM.....99 Tremont Street
BERNARD McCABE.....355 West Elm Street
LEWIS F. PEIRCE.....223 Chancery Street
GEORGE G. SYLVIA.....543 Union Street

Ward Five

ROBERT L. BAYLIES.....85 Bedford Street
HARRISON T. BORDEN.....154 Fair Street
JOHN McCULLOUGH, 3rd.....38 South Sixth Street
WILLIAM E. PARKER.....17 Plymouth Street

Ward Six

JOHN JOSEPH FOLEY.....50 Elm Street
ARMAND A. FORTIER.....83 Valentine Street
JOHN MONIZ.....416 Orchard Street
ABRAHAM MURGATROYD.....46 Valentine Street

President—FRANK A. McNULTY.

Clerk—HAROLD WINSLOW. Salary, \$500.

JOINT STANDING COMMITTEES OF THE CITY COUNCIL

Armories—Aldermen Ricard (ch.), Carroll; Councilmen Duckworth, Higginbottom and Parker.

Audit—Aldermen Kirkham (ch.), Collins; Councilmen Luce, McCabe and Parker.

Bath Houses—Aldermen Kirkham (ch.), Grindrod; Councilmen McCarthy, Higginbottom and Moniz.

Building Code—Aldermen Grindrod (ch.), Ricard; Councilmen Connor, Ortner and Murgatroyd.

City Property—Aldermen Bartlett (ch.), Grindrod; Councilmen Baylies, Moriarty and Harrison.

Claims—Aldermen Carroll (ch.), Ricard; Councilmen Desrochers, Sylvia and Fortier.

Finance—Mayor Ashley (ch.), Aldermen Collins and Kirkham; Councilmen Luce, Baylies and McCullough.

Fire Department—Aldermen Bartlett (ch.), Carroll; Councilmen McCarthy, Borden and McCullough.

Ordinances—Aldermen Carroll (ch.), Collins; Councilmen Lavallee, McCabe and Foley.

Street—Aldermen Kirkham (ch.), Grindrod; Councilmen Borden, Peirce and Riley.

Street Lights—Aldermen Collins (ch.), Bartlett; Councilmen Peirce, Sylvia and Fowler.

Wharves—Aldermen Ricard (ch.), Bartlett; Councilmen McCullough, Moriarty and Connor.

DEPARTMENTS

City Clerk—WALTER H. B. REMINGTON. Salary \$3,800. 219 Ash Street. **Assistant City Clerk**—JAMES DIGNAM. Salary \$2500. 289 Maple Street.

City Treasurer and Collector of Taxes—CHARLES R. HATHAWAY. Salary \$4,000. 198 Middle Street.

City Auditor—CHARLES J. MCGURK. Salary \$3,500. 79 Rockland Street.

Clerk of Committees—HAROLD WINSLOW. Salary \$2,100. 689 County Street.

City Solicitor—BENJAMIN B. BARNEY. Salary \$3,000. 3 North Orchard Street.

City Engineer—GEORGE H. NYE. Salary \$3,800. 23 Arnold Place.

Superintendent of Street—CHARLES F. LAWTON. Salary \$3,000. 297 Reed Street.

Superintendent of Public Buildings and Inspector of Buildings—JOSEPH L. GIBBS. Salary \$3,500. 569 Purchase Street.

Assistant Superintendent of Public Buildings—MARTIN H. SULLIVAN. Salary \$2,300. 78 North Street.

Inspector of Wires—William P. Briggs. Salary \$1,750. 407 Union Street.

Superintendent of Street Lights—WILLIAM P. BRIGGS. Salary \$1,000. 407 Union Street.

OTHER OFFICIALS

City Physician—SAMUEL K. SEGALL, M. D. Salary \$1,000. Term expires April, 1921.

Sealer of Weights and Measures—JOHN HOBIN. Salary \$2,200. 1285 Pleasant Street.

City Forester—CHARLES F. LAWTON. Salary \$100. Superintendent of Streets, ex-officio.

Superintendent of Sewers—CHARLES F. LAWTON, Superintendent of Street, ex-officio.

Harbor Master—CHARLES H. PURRINGTON. Salary \$400.

City Wharfinger—HENRY F. WEST. Fees. 209 So. Second Street.

Inspector of Crude Petroleum—ORVILLE E. YOUNG. Fees. 246 Palmer Street.

Fence Viewers—SAMUEL W. JENNINGS, 401 Pleasant Street.
THOMAS THORLEY, 467 Allen Street.
JOHN H. RYAN, JR., 162 Campbell Street.

Caretaker of Graves of Soldiers and Sailors—SIDNEY B. DEMORANVILLE, 2745 Acushnet Avenue. No salary. Superintendent of Cemeteries.

Registrar of Labor (Under Massachusetts Civil Service Commission)—WILLIAM J. CARTER. Salary \$500. 598 Cottage Street.

Inspector of Milk, Provisions and Animals Intended for Slaughter—DR. HERBERT B. HAMILTON. Salary \$1,700. 79 Hillman Street.

Inspector of Accidents—CHESTER W. CHASE. Salary \$400. 68 Hillman Street.

Soldier's Aid Agent—THOMAS J. GIFFORD. Salary \$1,500. 240 Middle Street.

BOARD OF HEALTH

Salary \$700 each.

COOPER GAW, Term expires February, 1921

JOSEPH R. GLENNON, Term expires February, 1922

LOUIS Z. NORMANDIN, M. D. Term expires February, 1923

COOPER GAW, Chairman.

Agent and Executive Officer—Salary \$3,500.
WILLIAM G. KIRSCHBAUM

Director of Field Work—Salary \$4,000.
WILLIAM B. GEOGHEGAN

Clerk—Salary \$1,456
SUSAN J. SMALL

Assistant to Clerk and Stenographer—\$25 Per Week
EDNA E. WRIGHT

Sanitary Inspectors and Wages Per Week
THOMAS DAHONEY, \$35 JOHN E. GLENNON, \$35
EDWARD RAYMOND, \$35

Milk Collector and Interpreter—\$35 Per Week
FREDERICK J. FRANCIS

Inspectors of Plumbing—Salary, \$2,000 Each
LOUIS H. RICHARDSON WILLIAM DEACON

Medical Inspector—Salary, \$1,500
A. N. SENESAC, M. D.

Oculists—Salary, \$1,000 Each
ALPHONSE NORMANDIN, M. D. CHAS M. ATCHISON, M. D.

Bacteriologist, Chief of Veneral Clinic and Assistant T. B. Clinic—Salary, \$2,500
A. H. MANDELL, M. D.

Chief of T. B. Clinic—Salary, \$500
S. H. REMICK, M. D.

Quarantine Physician—Fees
JOSEPH A. FRASIER, M. D.

Public Vaccinator—Fees
L. K. DORAN, M. D.

Nurses—\$30 Each Per Week
SARA W. CHASE AZULAH C. DEXTER
HARRIET L. MURPHY MINA DONNELLEY
MARY C. PUTNAM PHILOMENE E. GIFFORD
BERYL I. ROSS

Nurse to Parochial Schools—\$30 Per Week
MARY I. SHER

Ophthalmia Nurse—\$18 Per Week
THERESA LYON

Medical School Inspectors—Salary, \$400 Each
DR. A. V. PIERCE DR. J. P. ST. GERMAIN
DR. CHARLES SHANKS DR. J. C. ROSS
DR. W. A. NIELD DR. D. J. LOWNY
DR. E. ST. JOHNSON DR. WILLIAM ROSEN
DR. EDWARD DEHN DR. ELLEN R. CANNEY
DR. J. F. WEEKS

School Examiner—Salary \$800
CHARLES F. CONNOR, M. D.

Inspector of Milk, Provisions, Slaughtering, Etc.—Salary, \$1,700
H. B. HAMILTON, V. S.

ASSESSORS

Salary, \$2,600 Each

JOSEPH H. HANDFORD, Chairman	Term expires 1922
JOHN H. FINNELL, Clerk	Term expires 1920
JOHN HANNIGAN	Term expires 1921

Assistant Assessors

Salary, \$5.00 Per Day When Employed

Ward 1—WILLIAM HALL and HENRY M. ALLAIN
Ward 2—JOSEPH E. GRIFFIN and RAYMOND J. LANGDON
Ward 3—WILLIAM F. SALTER and MILTON E. ASHLEY
Ward 4—ROLAND A. LEONARD and EDWARD B. GRAY
Ward 5—FREDERICK D. SOULE and MANUEL S. QUADROS
Ward 6—JAMES LIVESEY and WILFRED J. LAJEUNESSE

OVERSEERS OF THE POOR

Salary, \$500 Each

KOPEL COHEN, Chairman

A. DENNIS PERREAULT	Term expires May 1, 1923
EDWARD DeMELLO	Term expires May 1, 1921
KOPEL COHEN	Term expires May 1, 1922

Secretary and Almoner—Salary, \$2,300
CHARLES A. PORRIER

Assistant Secretary and Interpreter—Salary, \$2,080
ANTONE H. SENNA

Clerk and French Interpreter—Salary, \$1924
JOSEPH A. DESJARDINS

Visitors—Salary, \$1,820
RAYMOND HALLIWELL CHARLES A. McAVOY

Stenographers

M. CATHERINE ROGERS	Salary \$24 per week
ESTHER G. FRANCIS	Salary \$24 per week
SADYE COHEN	Salary \$23 per week

Superintendent of Almshouse—Salary, \$1,768
THOMAS F. BROWN

Matron of Almshouse—Salary, \$728
CATHERINE E. BROWN

Chaplain of Almshouse—Salary, \$156
REV. CHARLES S. THURBER

Physicians to the Board—Salary, \$1,000 Each
Physician to the North District
R. E. SENECAI, M. D.

Physician to the Centre District
LOUIS J. POBIRS, M. D.

Physician to the South District
ANTHONY J. RODERICK, M. D.

Physician to Cove District
LOUIS A. PERRAS

Eye Specialist—Salary, \$600
C. A. B. PETERSON, M. D.

TRUSTEES FREE PUBLIC LIBRARY

Ex-Officio	Terms expire January, 1921
CHARLES S. ASHLEY.....	Mayor of the City
FRANK A. McNULTY.....	President of the Common Council
THOMAS KIRKHAM....	President of the Board of Aldermen

Elected by the City Council

FRANK A. MILLIKEN	Term expires April, 1921
SAMUEL F. WINSPIER	Term expires April, 1921
CHARLES M. HOLMES	Term expires April, 1922
FRANCIS M. KENNEDY	Term expires April, 1922
ABBOT P. SMITH	Term expires April, 1923
OTIS S. COOK	Term expires April, 1923

President of the Board

THE MAYOR

Clerk

GEORGE H. TRIPP

COMMISSIONERS OF SINKING FUND

HARRY C. ROBINSON	Term expires March, 1923
CHARLES S. KELLEY, JR.	Term expires March, 1921
BENJAMIN A. TRIPP	Term expires March, 1922
CHARLES R. HATHAWAY, Secretary and Treasurer	
Salary, \$300	

NEW BEDFORD WATER WORKS

New Bedford Water Board

CHARLES S. ASHLEY, Mayor Ex-Officio, President	
FRANK A. McNULTY	President of Common Council, Ex-Officio
WILLIAM H. PITMAN	Term expires June, 1921
FREDERIC H. TABER	Term expires June, 1922
HERBERT E. CUSHMAN	Term expires June, 1923

Clerk

ROBERT C. P. COGGESHALL

Superintendent—Salary, \$3,850
ROBERT C. P. COGGESHALL

Assistant Superintendent—Salary, \$4,160
STEPHEN H. TAYLOR

Water Registrar—Salary, \$2,912
CLIFFORD BAYLIES

BOARD OF PARK COMMISSIONERS

WILLIAM P. COVELL, Chairman	
JOSEPH BARNES	Term expires 1st Monday in May, 1921
WILLIAM F. CASWELL	Term expires 1st Monday in May, 1922
GEORGE H. CUSHING	Term expires 1st Monday in May, 1923
WILLIAM P. COVELL	Term expires 1st Monday in May, 1924
GEORGE H. HEDGE	Term expires 1st Monday in May, 1925
WILLIAM F. CASWELL, Secretary	

General Superintendent—Salary, \$2,500

EVERETT B. SHERMAN

CEMETERY BOARD

JOHN G. NICHOLSON, Chairman

CHARLES H. VINAL	Term expires May 1, 1923
WILLIAM M. HIGHAM	Term expires May 1, 1921
JOHN G. NICHOLSON	Term expires May 1, 1922
CHARLES H. VINAL, Secretary	

Superintendent of Cemeteries—Salary, \$2,250

SIDNEY B. DeMORANVILLE

REGISTRARS OF VOTERS

Salary, \$400 Each

CHANNING WILDE, (Dem.), Chairman	Term expires May, 1923
JOHN E. McBRIDE, (Dem.)	Term expires May, 1921
JOSEPH DIONNE, (Rep.)	Term expires May, 1922
W. H. B. REMINGTON (Rep.), Clerk. Salary, \$400.	

LICENSING BOARD

Salary, \$500 Each

RODOLPHUS A. SWAN, Chairman and Secretary	
CHARLES H. SIMMONS	Term expires 1924
DANIEL W. BAKER	Term expires 1926
RODOLPHUS A. SWAN	Term expires 1922

FIRE DEPARTMENT**Board of Fire Engineers**

EDWARD F. DAHILL.....	Chief Engineer
Term expires April, 1921. Salary, \$3,500.	
JAMES J. DONAGHY.....	First Assistant Engineer
Elected yearly in April. Salary, \$2,800.	
FRANK R. PEASE.....	Second Assistant Engineer
Elected yearly in April. Salary, \$2,500.	
JOHN W. DONAGHY.....	Third Assistant Engineer
Elected yearly in April. Salary, \$2,500.	
FREDERICK E. RICKETSON.....	Fourth Assistant Engineer
Salary, \$2,500.	
JOSEPH P. KENNEDY.....	Clerk of Board
Salary, \$880.	

THE NEW BEDFORD PROTECTING SOCIETY

1920

President

JOSEPH F. CORNWELL

Directors

HENRY S. HUTCHINSON	FRANK P. R. PATTERSON
THOMAS B. AKIN	ERNEST H. BOUCHER
CHARLES S. BAYLIES	GEORGE I. MACY
F. OSCAR COVILL	FREDERICK B. MACY

Secretary and Treasurer

CHESTER P. REXFORD

Allen, George H. H.
 Kelley, Charles S., Jr.
 Webber, James A.
 Swift, Horace W.
 Blair, John K.
 Dawe, William C.
 Sagar, William S.
 Bourne, William S.
 Brightman, Harry C.
 Brooks, Arthur T.
 Coe, I. H., Jr.
 Anthony, Merrill D.
 Brooks, Andrew J.
 Williams, Thomas W.
 Russell, Charles A.
 Delano, Arthur D.
 Read, W. Kempton
 Francis, James P.
 Dahill, Edward F., Jr.
 Gifford, Frank H.
 Chase, Chester W.
 Lawton, Harry C.
 Howard, Henry, Jr.
 Budlong, James E.
 Humphrey, James L., Jr.
 Case, Everett B.
 Knowles, Henry S.
 Weeks, Allen T.
 Francis Wellington A.
 Hurl, George P.
 Macy, J. Roland

Manchester, P. F.
 Shaw, John C., Jr.
 Mendelson, Hyman
 Tuell, Clifton P.
 Chapman, Laurence D.
 Makin, Henry J.
 Read, Joseph M.
 Perry, Samuel H.
 Peirce, Stephen D.
 Poirier, Aime J.
 Potter, William F.
 Oesting, Edward A.
 Olivier, George L.
 Oman, Charles E.
 Smith, Nat C.
 St. Germain, George A.
 Francis, Arthur S.
 Phillips, William C.
 Robinson, William A., Jr.
 Butler, Morgan
 Sharples, Charles H.
 Sharples, Arthur
 Smith, Alex T.
 Dunham, Otis M.
 Sullivan, Daniel J.
 Sears, Louis A.
 Taber, Frederic H.
 Taylor, William T.
 Lancaster, John M.
 Parker, Ward M.
 Burke, Harry

POLICE DEPARTMENT**Chief**

Salary, \$3,500

Deputy Chief

Salary, \$2,800

JOHN C. PARKER

Captains

Salary, \$7.30 Per Day.

DANIEL DENEEN

FRANK W. SYLVIA

HARRY D. STOW

Chief Inspector

Salary, \$7.30 Per Day.

WALTER ALMOND

Inspectors

\$5.83 Per Day

JAMES E. BOLTON

JOSEPH S. MANNING

WILLIAM T. COLE

JOHN T. McKAY

WILLIAM F. GLENNON

ALBERT E. MOSHER

GEORGE R. LAWRENCE

RAPHAEL PIERACCINI

ALBERT B. MacKINSTRY

CHARLES F. SMITH

HERMES TOUCHETTE

Lieutenants

\$5.83 Per Day

NARCISSE A. BREAUT

FRANK L. REMINGTON

EDWARD P. DOHERTY

WILLIAM E. ROSCOE

THOMAS FAY

JAMES W. SAVAGE

WILLIAM FOWLER

CHESTER L. TRIPP

CHARLES L. McBAY

WILLIS C. UNDERWOOD

JEREMIAH McCARTHY

JOSEPH B. WING

SAMUEL D. McLEOD

Sergeants

\$5.50 Per Day Each

HARRY C. ELLIS

JAMES J. MOORE

EDMUND FOLEY

DANIEL P. SWEENEY

AROD B. HOLLOWAY

WILLIAM WELSH

EDWARD A. HYNES

Inspector of Minor Licenses

JOSEPH S. MANNING

Police Matron

\$3.57 Per Day

SARAH M. BROWNELL

Keeper of the Lockup

Salary, \$100 Per Year

JOHN C. PARKER

Stenographer

P. BERT TAYLOR

REPORT OF POLICE DEPARTMENT

First Year, \$4.60 Per Day.

Second year and Thereafter, \$5.00 per Day.

PATROLMEN

Aillery, Constant	Fanning, John F.
Allen, Charles E	Faunce, Albert M.
Almond, William, Jr.	Fay, John H.
Ashley, Henry T.	Fell, Charles
Astley, Maurice	Fernandes, Joseph A.
Barbour, Robert L.	Francis, Antone
Bedford, Ellverado	French, Robert E.
Belisle, Victor	Freitas, Manuel
Berry, James W.	Fowler, Harry
Blackburn, Hargraves	Gatenby, James S.
Boehler, Max F.	Gero, Henry P.
Bonney, Stephen K.	Gibbs, Nathaniel F.
Bourgeois, Albini	Gobeil, Joseph
Breaukt, Joseph A.	Gorner, Arthur
Brennan, Michael J.	Grant, George P.
Briggs, Myron S. A.	Gregory, William
Brightman, Ellery E.	Hafford, Stephen, Jr.
Brophy, Edward O.	Haggerty, Timothy F.
Burgess, Edward	Hamersley, Raymond
Burke, John F.	Haran, Luke T.
Butts, Henry	Harding, James P.
Carr, Thomas E.	Harrington, Daniel
Carroll, Eudore M.	Harrington, Michael J.
Carroll, James M.	Hayden, Abram L.
Cash, James	Hawes, Harry C.
Caswell, Charles A.	Head, Edgar E.
Chase, Raymond	Hickey, James M.
Chausse, Onat A.	Hickey, William B.
Chenel, Albert J.	Horton, Eliphalet M.
Cleary, William E.	Howland, William A. E.
Coombs, Isaac C.	Howes, Charles M.
Cote, Wilfred	Hutchinson, George R.
Craft, James F.	Irwin, Henry, Jr.
Crapo, Albert A., Jr.	Ivey, James A.
Cushing, William S.	Jacobs, Ellsworth C.
Dahoney, Thomas	Jenkins, Thomas J.
Daley, Charles F.	Johnson, Harry
Davies, John W.	Kane, John A.
Dean, James	Karcher, Frederick, Jr.
Deane, Michael J.	Kelley, Michael J.
DeGrasse, Charles H.	Kinney, William E.
Doherty, Thomas	Lague, Ernest A.
Downey, Daniel	Landreville, Joseph E. A.
Downey, John B.	Leahy, William T.
Downey, Stephen P.	Lemaire, Anthony C.
Downey, William M.	Lemrise, Albert T.
Dupuis, Patrick H.	Lentz, Joseph A.
Dupuis, Wilfred H.	Lowther, George H.
Durant, Lawrence J.	MacDonald, Hugh J.
Earley, Edward C.	MacFarlane, Joseph A.
Evans, John	Machado, Manuel

Manning, James L.
 Marder, James
 Maynard, John E.
 McCarthy, William H.
 McCrohan, John H.
 McDonald, Daniel J.
 McDonnell, James
 McEnnis, Robert B.
 McGoff, James E.
 McNamee, John J.
 McNulty, Joseph
 Messier, Joseph A.
 Miller, John J.
 Mitchell, William
 Moore, James J., Jr.
 Mott, Cassius B.
 Muldoon, Patrick J.
 Muldoon, Thomas
 Mullins, Enoch
 Murdy, Robert H.
 Murphy, Edward
 Murphy, Francis A.
 Murphy, Lawrence
 Murphy, William S. P.
 Nault, Joseph C.
 Nelson, Ivar V.
 Nickerson, Charles F.
 Nunes, George J.
 Oliver, John F.
 O'Rourke, John J.
 O'Rourke, Thomas
 Patterson, Charles G.
 Phinney, Charles E.
 Perry, Anthony E.
 Place, Joseph A.
 Poirier, David J.
 Pollock, John H.
 Pykosz, Walter
 Raymond, Edward

Reddy, Michael J.
 Reed, George H.
 Reedy, Joseph C.
 Rooks, Albert H.
 Rooks, John C.
 Sanders, Joseph A.
 Schneider, Raoul O.
 Searell, William E.
 Seddon, Thomas, Jr.
 Smith, John P., Jr.
 Souza, William H.
 Spooner, Charles A.
 Spooner, John C.
 Stanley, Charles A.
 Staples, Walter C.
 St. Pierre, Joseph E.
 Sullivan, James H.
 Sullivan, John T.
 Sullivan, Matthew
 Sumner, Thomas A.
 Sundin, Carl A.
 Sylvia, Antone F.
 Sylvia, Archie A.
 Sylvia, William T.
 Taber, Jeremiah M.
 Tourgeon, Joseph V.
 Valentine, Thomas A.
 Velho, Augustus F.
 Vogel, Robert F.
 Walsh, John P.
 Walsh, William P.
 White, Albert B.
 Wilcox, Seth A.
 Williams, Benjamin F., Jr.
 Williams, Charles H.
 Wilson, George A.
 Winterson, Henry B.
 Woolfenden, Albert

CHAUFFEURS

Dalbec, Edmond
 Meade, James G.
 Ryan, William M.

HOUSEKEEPERS

Astley, Thomas
 Dodds, James
 Kenney, Patrick
 Prifogle, Edward
 Sullivan, Timothy

JANITORS

Allen, Charles G.
 Drew, Moses C.

LABORER

Atwood, William W.

PENSIONED

Cannavan, Patrick	Paige, George W.
Comstock, Thomas W.	Smith, Andrew J.
Mason, Henry W.	Taft, Thomas J.
Meehan, Daniel	Wixon, James A.

RESERVE POLICE

	Date of Appointment
Aque, Leo S.	Oct. 9, 1919
Burgess, John H.	Mar. 28, 1918
Burke, Henry	Oct. 9, 1919
Cox, Owen J.	Mar. 28, 1918
Davis, Albion G.	Mar. 28, 1918
Desjardins, Joseph A. C.	Oct. 9, 1919
Desroaches, Louis H.	Oct. 9, 1919
Doyle, Francis A.	Oct. 9, 1919
Gilman, Joseph C.	Oct. 9, 1919
Goldrick, James F.	Mar. 28, 1918
Gomes, Michael R.	Oct. 9, 1919
Haran, John F.	June 12, 1918
Hollingsworth, George.	Mar. 28, 1918
Koutroumpis, George J.	Oct. 9, 1919
Lapierre, William A.	Oct. 9, 1919
Law, Jesse, Jr.	Mar. 28, 1918
Lemrise, Emile A.	Oct. 9, 1919
Lussier, Peter	Mar. 28, 1918
Manchester, Charles A.	Oct. 9, 1919
McLeod, Andrew F.	Oct. 9, 1919
Melia, Michael J.	Oct. 9, 1919
Millette, Frank	Oct. 9, 1919
Moor, Hugh J.	Oct. 9, 1919
Normandin, Peter N.	Mar. 28, 1918
O'Donnell, William F.	Mar. 28, 1918
O'Rourke, Joseph	Oct. 9, 1919
Pierce, Orrin F.	Mar. 28, 1918
Quintin, Oscar R.	Oct. 9, 1919
Riley, William, Jr.	Oct. 9, 1919
Roberts, Charles F.	Oct. 9, 1919
Seddon, Edward	Oct. 9, 1919
Sherman, George A.	Dec. 26, 1918
Simpkins, David	Oct. 9, 1919
Smith, Herbert	Oct. 9, 1919
Sweeney, James P.	Mar. 28, 1918
Upham, John H.	Oct. 9, 1919
Williams, John O.	Mar. 28, 1918

WEIGHERS OF MERCHANDISE

Aceino, Beatrice	Andrews, William A.
Affleck, William H.	Araujo, Giles
Allain, Domingo	Atherton, John W.
Alves, John	Axelson, Emanuel
Anderson, John	Bariteau, Joseph L.
Andrew, Harry	Barnes, Joseph
Andrews, Manuel A.	Barrows, Frederick D.

Bassett, Thomas E.
Bates, William
Beaulieu, Peter
Becotte, Arthur J.
Begnoche, Zachaire
Belanger, Lucien
Belleveau, Arsene
Bence, Frederick W.
Bennett, Francis F.
Berube, Arthur
Best, Chester A. W.
Bisbee, Robert C.
Blenkison, Elsie
Bliss, Frank
Booker, Horace
Booth, Charles H. W.
Borden, Horace
Borden, Milton L.
Bottomley, William
Bourassa, Donat
Brezenski, Thomas
Brierley, William
Briggs, Arthur S.
Brightman, Bradford
Brittain, Edward
Brogden, Hannah
Brown, Manuel
Buckley, Benjamin
Burke, Raymond
Butler, George H.
Calverley, James W.
Campos, Joseph
Caron, Girard
Caron, Wilfred
Carpenter, Clayton W.
Carter, John J.
Cavanaugh, Patrick
Chace, Ira M.
Chase, Nathan P.
Chappell, James A.
Chew, Arthur
Cleary, William
Clough, Everett R.
Cobb, George S.
Coe, William A.
Coholan, Dennis
Cooper, Joseph S.
Costa, Antone C.
Costa, John De
Coyle, Joseph S.
Crawford, Samuel G.
Crossman, Henry H.
Curtis, Daniel J.
Cyka, Peter
Davignon, Norbert T.
Davis, Edwin T.
Davis, John B.
Davis, William T.
Deane, John Edward
DeCosta, William A.
DeJesus, Albert
DeMello, William C., Jr.
Dias, Joseph
Dickinson, Edward
Dion, Alphonse J.
Dolezal, Frank
Donley, William
Doudican, Henry
Downey, Maurice
Duckworth, Fred
Duffy, Alice
Duffy, John E.
Dupre, Joseph
Duval, Arthur
Earnshaw, John Oliver
Eldredge, Wendell T.
Emerson, James
Emerson, David
Fahey, Blanche M.
Feenan, Henry Allen
Flathers, Arthur E.
Florie, Antone
Foley, Edward F.
Ford, Albert
Foy, John
Francis, Manuel
Francis, William H.
Franklin, Clarence N.
Freitas, Gilbert
Furtado, Manuel J., Jr.
Gamble, James
Gammons, Charles A.
Gatenby, John S.
Gaughan, Martin
Gaughan, Patrick J.
Gero, William
Gautreau, Fred
Gautreau, Joseph
Gero, William
Gifford, John I.
Gilbert, Henry S.
Gill, James
Gillespie, Eugene A.
Gillmore, Percy A.
Girard, Fred
Girvan, Douglass J.
Gobeil, Hilaire O.
Goldthwaite, Bradley D.
Gray, Charles A.
Greenhalgh, James

Greenwood, Stanley H.
Grey, Robert
Grosse, Andrew
Guay, Arva
Haire, John
Hall, Joseph P.
Hanrahan, Charles E.
Harder, Frederick M.
Harney, John J.
Harrison, John M.
Haworth, Thomas
Hayden, Edward D.
Hayden, John
Heroux, Joseph
Heyliger, Robert
Hindle, William T.
Hodkinson, William
Hutchings, Walter C.
Holmes, Philip C.
Hyham, William
Inne, Louis
Irwin, James
James, Ned
Jarry, Fred
Jennings, George L.
Jennings, Jireh P.
Jennings, Ralph A.
Johnson, Albion C.
Kenyon, Walter A.
Kiernan, James F.
King, Frank
King, Joseph F.
Koczera, Josephine
Lague, Arthur
Lantain, Oliver
Lareau, Theodore B.
Larock, Joseph
Lawrence, Charles L.
Lawrence, Herbert
Leary, Humphrey
Lemoine, Albert
Lethbridge, Walter
Lindsey, Robert
Linnehan, Peter
Lord, Thomas
Lowe, Stephen A.
Lyons, William
Macy, Andrew M.
Macy, Frank H.
Mandville, Alfred
Marsden, Alfred
Marshall, Joseph
Marshall, Manuel C.
Marshall, William
Martin, George R.
Masse, Arthur
Mattos, John
McCann, Frank
McCarthy, Fred J.
McCulloch, George H.
McDonald, Edward
McGinnes, John J.
McHale, James H.
Medeiros, Anthony L.
Medeiros, Joseph V.
Medeiros, Manuel
Miller, John C.
Moher, Eugene
Montgomery, William H.
Moore, Joseph
Mosher, Fred P.
Mullen, James
Mullen, Thomas P.
Murphy, John W.
Murphy, Philip
Murray, James T.
Neagus, John J.
Nelson, Joseph, Jr.
Newsham, Samuel
Niles, Abram
Niles, Thomas
Nolan, James E.
Nolan, Joseph
O'Brien, John E.
O'Brien, William
Parlow, Henry B.
Passo, Benjamin
Paul, George H.
Pease, Luther M.
Pedro, Mary
Perry, Henry C., Jr.
Perry, John
Phinney, George H.
Pierce, Clarence E.
Pierce, Nathaniel E.
Foisson, Napoleon
Pontbriand, Oscar
Potter, William H.
Prescott, Albert N.
Price, James E.
Pruneda, Charles
Putnam, Arthur C.
Quigley, Thomas F.
Quinlan, Mary M.
Ramalhete, Abram
Ratcliffe, Ralph
Rawlinson, John C.
Rawstron, John T.
Raymond, Thomas A.
Reardon, Daniel

Resendes, Frank F.	Spencer, Joseph
Reynolds, William	Spencer, Walter G.
Rezsek, John	Spooner, Ralph G.
Richard, Clement	Starkey, Frank
Richard, Philias	Stirrup, John
Richardson, Clifford G.	Stokoe, George A.
Robbins, A. William	Sullivan, Daniel J.
Roberts, Alec	Sumner, Samuel
Roberts, Leonard	Sutcliffe, Benjamin
Roberts, Ronald	Swallow, Samuel
Robertson, John W.	Swansey, George E., Jr.
Robinson, Frank J.	Sylvia, Antone S.
Rock, Zepherin	Sylvia, Ernest
Roe, John	Sylvia, Joaquin
Rogers, Frank	Sylvia, Manuel
Rogers, Henry V.	Sylvia, Michael B.
Rowe, George T., Jr.	Talbot, Hattie L.
Ross, Samuel	Taylor, George
Roy, Joseph	Taylor, Samuel
Roy, Joseph R.	Thibeault, Henry E.
Roy, Romuald J.	Thomas, John R.
Russell, John C.	Thompson, Arthur
Ryan, Ambrose J.	Thorley, Walter
Ryder, Leon G.	Travers, Chas. I.
Sadler, William T.	Tripp, Jabez D.
Salisbury, Walter	Tripp, Lewis S.
Sammoisette, Isadore	Turner, James
Sampson, Charles A.	Verona, Yolanda R.
Santos, Manuel A.	Verrier, Walter
Sargent, George	Vieira, John R.
Sayles, Harry	Waine, Nehemiah
Sayles, Joseph A.	Walker, Samuel R.
Serra, Ernest P.	Walsh, Richard
Sharp, George S.	Warwick, John
Shaw, Chauncey L.	Waters, Lawrence G.
Shaw, Margaret A.	Weeks, John L.
Silva, Manuel	West, Charles H.
Simmons, Isaac	Wilson, Mathieu
Sisson, Minerva M.	Wilson, Wallace B.
Smith, Andrew N.	Wing, Harry
Smith, Carlton W.	Winn, Thomas P.
Smith, Charles N.	Winsper, John B.
Smith, Daniel H.	Witton, William
Smith, Harry	Worden, John
Smythe, Fred R.	Young, Charles
Souney, Lawrence	Young, Orville E.
Speak, James	

WEIGHERS OF COAL

Andrews, William A.	Bisbee, Robert C.
Atherton, John W.	Booth, Chas. H. W.
Axelson, Emanuel	Borden, Milton L.
Bariteau, Joseph L.	Bowman, Fred G.
Barrows, Frederick D.	Briggs, Arthur S.
Bennett, Francis F.	Calverley, James W.

Carpenter, Clayton
 Chace, Ira M.
 Chase, Nathan P.
 Clerk, Henry
 Cobb, George S.
 Coe, William A.
 Crawford, Samuel G.
 Crossman, Henry H.
 Dean, John Edward
 DeCosta, William A.
 Dolezal, Frank
 Duclos, Joseph J.
 Earnshaw, John Oliver
 Flathers, Arthur E.
 Furtado, Manuel J., Jr.
 Gallagher, William
 Gamble, James
 Gillespie, Eugene H.
 Goldthwaite, Bradley D.
 Gray, Charles A.
 Greenhalgh, James
 Greenwood, Stanley H.
 Grosse, Andrew
 Guay, Arva
 Harrison, John M.
 Hayden, Edward D.
 Heroux, Joseph
 Hindle, William T.
 Hodson, William
 Holmes, William A.
 Hutchings, Walter C.
 Jennings, Ralph A.
 Johnson, Albion C.
 Johnson, George
 Kenyon, Walter A.
 King, Joseph 'A.
 King, Frank
 Leary, Humphrey
 Lindsey, Robert
 Lowe, Charles T.
 Lowe, Stephen A.
 Macomber, James S.

Mather, Arthur H.
 Montgomery, William H.
 Murray, James T.
 O'Brien, John E.
 Pease, Luther M.
 Phinney, George H.
 Pontbriand, Oscar
 Poulin, Arthur
 Ratcliffe, Ralph
 Rawlinson, John C.
 Rawstron, John T.
 Raymond, Thomas A.
 Reynolds, William
 Resendes, Frank
 Roberts, Leonard
 Roberts, Ronald
 Rock, Zepherin
 Rose, Antone
 Ross, Samuel
 Ryan, Ambrose J.
 Ryder, Leon G.
 Salisbury, Walter
 Sampson, Charles A.
 Santos, Manuel A.
 Serra, Ernest P.
 Silva, Manuel
 Simmons, Isaac
 Sisson, Minerva M.
 Smith, Carlton W.
 Smith, Chas. N.
 Smith, Daniel H.
 Sougney, Lawrence
 Spencer, Walter G.
 Stokoe, George A.
 Travers, Chas. I.
 Tripp, Lewis S.
 Tripp, Jabez D.
 Walker, Samuel R.
 Weeks, John L.
 Wilson, Wallace B.
 Winn, Thomas P.
 Young, Orville E.

WEIGHERS OF BOILERS AND HEAVY MACHINERY

Atherton, John W.
 Axelson, Emanuel
 Bariteau, Joseph L.
 Barrows, Frederick D.
 Bates, William
 Bisbee, Robert C.
 Booth, Charles H. W.
 Borden, Milton L.
 Briggs, Arthur S.
 Calverley, James W.
 Carpenter, Clayton

Chace, Ira M.
 Chase, Nathan P.
 Clark, Thomas J.
 Clerk, Henry
 Cobb, George S.
 Coe, William A.
 Crawford, Samuel G.
 Crossman, Henry H.
 Day, Thomas E.
 Dean, John Edward
 DeCosta, William A.

Dolezal, Frank
 Earnshaw, John Oliver
 Flathers, Arthur E.
 Furtado, Manuel J., Jr.
 Gamble, James
 Gillespie, Eugene A.
 Goldthwaite, Bradley D.
 Gray, Charles A.
 Greenhalgh, James
 Grosse, Andrew
 Guay, Arva
 Harrison, John M.
 Hayden, Edward D.
 Heroux, Joseph
 Hindle, William T.
 Hutchings, Walter C.
 Jennings, Ralph A.
 Kenyon, Walter
 Lindsey, Robert
 Lowe, Stephen A.
 Lowe, Charles T.
 Macomber, James S.
 Murray, James T.
 O'Brien, John E.
 Pease, Luther M.
 Phinney, George H.
 Pontbriand, Oscar
 Ratcliffe, Ralph
 Rawlinson, John C.

Rawstron, John T.
 Reynolds, William
 Resendes, Frank
 Roberts, Leonard
 Roberts, Ronald
 Ross, Samuel
 Roy, Romuald J.
 Ryan, Ambrose J.
 Ryder, Leon G.
 Salisbury, Walter
 Santos, Manuel A.
 Serra, Ernest P.
 Simmons, Isaac
 Sisson, Minerva M.
 Smith, Carlton W.
 Smith, Chas. N.
 Smith, Daniel H.
 Sougney, Lawrence
 Spencer, Walter G.
 Stokoe, George A.
 Travers, Charles I.
 Tripp, Jabez D.
 Tripp, Lewis S.
 Walker, Samuel R.
 Weeks, John L.
 Wilson, Wallace B.
 Winn, Thomas P.
 Young, Orville E.

SURVEYORS OF LUMBER

Bailey, Richard L.	Longpre, Joseph Z.
Beetle, John H.	Murray, James T.
Chase, Nathan P.	Silvia, John J.
Croacher, Thomas	Spooner, Daniel A.
Gray, Charles A.	Tripp, Lewis S.
Howe, Benj..F.	

MEASURERS OF WOOD AND BARK

Allen, Rupert S.	Murray, Samuel T.
Ashworth, John	Spooner, Alonzo W.
Borden, George B.	Spooner, Daniel A.
Borden, Harrison T.	Stephenson, Thomas J.
Borden, Horace	Thornton, Ray Udell
Hathaway, Edward F.	Westgate, Clarence E.
Howe, Benjamin F.	

SPECIAL POLICE

Adams, John	Baines, Thomas S.
Allen, Charles W.	Baldwin, Lewis D.
Allen, John	Bannon, James S.
Ames, Howard M.	Barry, John W.
Anthony, George	Baylies, David William
Avilla, Joseph P.	Beauregard, Romeo
Babineau, Celestine	Begnoche, Zacharie

Bence, Frederick	Halliwell, Thomas E.
Bernier, John	Hart, Carlton
Bonney, Stephen K.	Hart, Thomas J.
Borden, George B.	Haworth, Albert
Brightman, Herbert E.	Healey, William
Brillo, Joseph	Henshaw, Andrew
Brownell, Harold R.	Heyes, William
Burke, T. Harold	Hodson, William R.
Burke, Thomas	Holden, John
Burns, Lawrence	Irons, Benj. E.
Carlson, Eric A.	Irwin, James
Carpenter, William E. C.	Jackson, William R.
Catterall, Robert Henry	Jarvis, William
Chamberlain, James F.	Johnson, George
Charlebois, Arthur D.	Johnson, John
Chapman, Eugene M.	Johnson, Joseph F.
Charlebois, George Peter	Jones, Clarence
Chauvin, Alfred	Joseph, Ira S.
Chauvin, William Henry	Kelley, John
Clitheroe, Thomas	Laflamme, Arthur
Comery, Ernest	Larenais, Alphonse
Cordeira, Manuel	Langlois, Crosby
Cornell, Edmund M.	Leger, Arthur
Cote, Hormidas	Legere, Delphis
Crowley, Timothy	Lewis, Manuel
Davenport, William	Long, Richard F.
Davis, John A.	Lozeau, Horace
DeCosta, John	Lynch, Simon F.
Demoranville, Sidney B.	Machon, William O.
Devoll, Roland G.	Macomber, Leland R.
Doyan, Samuel	Madeiros, James S.
Dupont, Ernest	Maranda, Donat
Dutton, Alonzo	Martin, Arthur L.
Drake, Charles J.	Maxcy, William F.
Eccleson, Thomas F.	McFarlin, Albert C.
Enos, Francis	McMahon, Andrew P.
Fallows, Richard T.	McNeeley, Anthony
Farris, Joseph K.	McVicker, Seth T.
Fernandes, Joseph H.	Mello, Manuel Cabral
Flanagan, John	Mello, Manuel S.
Foisy, Prosper, Jr.	Moseley, William H.
Foley, John F.	Neagus, John P.
Fordham, Thomas E.	Nelson, John L.
Fournier, Aldei	Nelson, Samuel J.
Foutter, Robert R.	Newton, James W.
Freitas, Manuel J.	Norton, Charles N.
Furtado, Manuel Jose	O'Brien, Daniel
Fury, Bartholomew	O'Brien, Timothy
Geary, Peter	O'Brien, William
Gifford, Alvin S.	Ogden, Chas. Henry
Gifford, John F.	Pacheco, Antone, Jr.
Greene, Marshall S.	Paquin, Ferdinand
Guilbeault, Joseph	Pilkington, John
Hall, Andrew M.	Place, Charles H.
Hall, Joseph P.	Platt, Joseph E.

Proctor, Maurice	Sumner, Samuel
Rawcliffe, Arthur	Sutton, Herbert W.
Reardon, Thomas F.	Sykes, George T.
Reynolds, William	Sylvia, Antone
Riley, Michael A.	Sylvia, Anthony T.
Roberge, Camille	Sylvia, Manuel E.
Rocray, Florem J.	Taylor, George S.
Rowan, William H.	Taylor, James Edwin
Roy, Louis Albert	Turner, Henry
Roy, Romuald J.	Ucker, Henry J.
Ryan, Ambrose J.	Ulewisch, Wladyslaw
Seddall, Edward	Varges, Frank
Seddon, David S.	Walker, Samuel R.
Severino, Joseph E.	Walton, Thomas E.
Sheffield, John P.	Ward, James
Silva, Antonio G., Jr.	White, Martin
Slater, Rothwell	Williams, Robert A.
Smith, Daniel H.	Woods, Robert
Smith, William J.	Wooley, Thomas
Stanbridge, Hiram C.	Yates, James
Stowell, Herbert B.	Yehle, Otto
Stringer, Harry	York, Irving LeRoy

ELECTION OFFICERS**Term of Office Expires September 15, 1920.**

*Officers starred have qualified and are entitled to serve.
 Cannot serve unless qualified.

WARD 1, PRECINCT 1**Regulars.**

*1	Warden,	OTIS A. SISSON	R	3913 Acushnet Ave.
2	Clerk,	VACANCY	D	
3	Inspector,	GEORGE S. COBB	R	197 Hersom St.
*4	"	HECTOR C. TOUPIN	D	2155 Acushnet Ave.
*5	"	DANIEL A. SPOONER	R	3243 Acushnet Ave.
*6	"	WILIAM H. MACIA	D	427 Tarkiln Hill Rd.

Deputies

1	Warden,	VACANCY	R	
*2	Clerk,	JAMES E. HARDMAN	D	10 Vernon St.
3	Inspector,	WESTON J. BORDEN	R	2082 Acushnet Ave.
*4	"	HENRY LaFRANCE	D	126 Princeton St.
5	"	FRANK B. PHILLIPS	R	1848 Acushnet Ave.
6	"	ALBERT BOURKE	D	462 Bowditch St.

WARD 1, PRECINCT 2**Regulars.**

*1	Warden,	WALTER F. D. LETHBRIDGE	R	292 Coffin Ave.
*2	Clerk,	JOSEPH A. MAHONEY	D	218 Tinkham St.
*3	Inspector,	HENRI CHARPENTIER	R	140 Central St.
*4	"	JOHN PILKINGTON	D	116 Hathaway St.
*5	"	DOLOR A. HOULE	R	128 Tinkham St.
*6	"	DANIEL F. MURPHY	D	208 Nash Rd.

Deputies

*1	Warden,	HENRY GEYER, Jr.	R	110 Hathaway St.
*2	Clerk,	FRIDOLIN SENFT	D	250 Tinkham St.
3	Inspector	VACANCY	R	
4	"	WILLIAM E. MURRAY	D	203 Tinkham St.
5	"	RICHARD RUDELL	R	348 Coffin Ave.
*6	"	THOMAS MULVEY	D	248 Whitman St.

WARD 1, PRECINCT 3**Regulars.**

*1	Warden,	CHARLES K. LEWIN	R	41 Wood St.
*2	Clerk,	MICHAEL E. DALEY	D	238 Collette St.
*3	Inspector,	CHARLES E. FOURNIER	R	301 Earle St.
4	"	JEAN A. FORAND	D	340 Bowditch St.
*5	"	HERBERT W. SUTTON	R	374 No. Front St.
*6	"	FREDERICK H. ROSCOE	D	259 Bowditch St.

Deputies

*1	Warden,	JOHN J. BARTON	R	354 Earle St.
2	Clerk,	JOSEPH MAILLOUX	D	141 Collette St.
*3	Inspector,	ADEMAR A. NORMANDIN	R	292 Coffin Ave.
*4	"	WILSON SMITH	D	187 Dean St.
*5	"	JAMES T. POWERS	R	374 No. Front St.
6	"	TIMOTHY O'BRIEN	D	250 Davis St.

WARD 1, PRECINCT 4**Regulars.**

*1	Warden,	HENRY FOURNIER	R	318 Earle St.
*2	Clerk,	ERNEST A. DUNHAM	D	1430 Acushnet Ave.
*3	Inspector,	LOUIS J. ROBITAILLE	R	217 Eugenia St.
4	"	ERNEST DUPONT	D	367 Sawyer St.
*5	"	PHILIAS VALLIER	R	118 Dean St.
*6	"	JOSEPH HERBERT	D	183 Phillips Ave.

Deputies

1	Warden,	GEORGE W. ALLEN, Jr.	R	192 Whitman St.
*2	Clerk,	FRANK T. MERRITT	D	352 No. Front St.
*3	Inspector,	ANDREW C. CONN	R	141 Holly St.
4	"	VACANCY	D	
5	"	HERCULES J. GUILLET	R	130 Nye St.
6	"	ETIENNE ROBITAILLE	D	130 Tallman St.

WARD 2, PRECINCT 5**Regulars.**

*1	Warden,	JOSEPH N. FINNI	R	1105 Acushnet Ave.
*2	Clerk,	STEPHEN H. SULLIVAN	D	253 Cedar Grove St.
*3	Inspector,	ALBERT BOURGET	R	102 Beetle St.
*4	"	CHARLES FANTON	D	341 Coggeshall St.
*5	"	J. ALFRED DUMOULIN	R	495 Summer St.
6	"	WILLIAM GREEN	D	379 Coggeshall St.

Deputies

1	Warden,	WILLIAM McCANN	R	200 No. Front St.
2	Clerk,	VACANCY	D	
3	Inspector,	JOHN CAMERON	R	958 County St.
*4	"	PATRICK F. BURNS	D	109 Beetle St.
*5	"	JOHN T. DRINKWATER	R	56 Beetle St.
6	"	VACANCY	D	

WARD 2, PRECINCT 6**Regulars.**

1	Warden,	CHARLES T. BROWNELL	R	749 Summer St.
*2	Clerk,	JAMES S. McGRATH	D	11 Reynolds St.
*3	Inspector,	WILLIAM N. ARNETT	R	14 Collins St.
*4	"	GEORGE H. GOULET, Jr.	D	35 Linden St.
*5	"	THOMAS F. LEWIN	R	1071 County St.
*6	"	PATRICK H. SULLIVAN	D	56 Linden St.

Deputies

*1	Warden,	FRANCIS A. LANG	R	864 County St.
*2	Clerk,	JAMES CRAVEN	D	164 Mt. Pleasant St.
*3	Inspector,	WILLIAM OGDEN	R	1453 Pleasant St.
4	"	JAMES THOMPSON	D	1720 Purchase St.
5	"	VACANCY	R	
*6	"	VICTOR LEMIEUX	D	1825 Purchase St.

WARD 2, PRECINCT 7**Regulars.**

*1	Warden,	GEORGE H. BONNER	D	9 Willow St.
2	Clerk,	ALBERT BARBER	R	7 Glover St.
3	Inspector,	WILLIAM M. SULLIVAN	D	208 Mt. Pleasant St.
*4	"	JAMES F. HALLORAN	R	11 Reynolds St.
*5	"	JOHN HOLLIHAN	D	107 Robeson St.
*6	"	ERNEST H. BOUCHER	R	89 Reynolds St.

Deputies

1	Warden,	JOHN DOWNEY	D	28 Myrtle St.
*2	Clerk,	EDWARD H. McELENY	R	36 Myrtle St.
*3	Inspector,	WILLIAM H. FLETCHER	D	71 Peckham St.
*4	"	THOMAS F. QUINNIN	R	104 Austin St.
*5	"	SAMUEL HILDITCH	D	8 Linden Ct.
*6	"	WILLIAM J. RILEY	R	536 Summer St.

WARD 2, PRECINCT 8**Regulars.**

1	Warden,	MICHAEL J. HURLEY	D	49 Vine St.
*2	Clerk,	WILLIAM BEARDSWORTH	R	726 Summer St.
*3	Inspector,	EDWARD MAYNARD	D	239 Austin St.
*4	"	ERNEST S. DAVIGNON	R	159 Adams St.
5	"	EDWARD M. MURPHY	D	8 Glover St.
*6	"	JOHN J. GOLDTHORPER	R	18 Trinity St.

Deputies

*1	Warden,	JOSEPH BOOTH	D	33 Trinity St.
2	Clerk,	JOHN BEAUDRY	R	152 Adams St.
*3	Inspector,	JOHN J. PURCELL	D	51 Vine St.
4	"	GEORGE A. St. GERMAIN	R	442 Summer St.
5	"	MICHAEL J. RILEY, Jr.	D	34 Vine St.
*6	"	PHILLIP HICKEY	R	390 Cedar St.

WARD 3, PRECINCT 9**Regulars.**

*1	Warden,	ANDREW P. KIRBY	D	48 Sycamore St.
*2	Clerk,	B. FRANKLIN WORDELL	R	59 Sycamore St.
*3	Inspector,	WILLIAM T. DAVIS	D	91 Walden St.
*4	"	FREDERICK W. BESSE	R	1101 Pleasant St.
5	"	VACANCY	D	
*6	"	CHARLES A. HALL	R	1207 Pleasant St.

Deputies

*1	Warden,	WILLIAM S. GIFFORD	D	144 State St.
2	Clerk,	CHARLES H. SULLIVAN	R	1389 Purchase St.
3	Inspector,	VACANCY	D	
*4	"	PATRICK J. GALLIGAN	R	1265 Pleasant St.
*5	"	THOMAS J. CLYNES	D	1680 Purchase St.
6	"	THOMAS W. CHAPMAN	R	68 Maxfield St.

WARD 3, PRECINCT 10**Regulars.**

*1	Warden,	ARTHUR B. CASE	R	45 State St.
*2	Clerk,	PETER F. SULLIVAN	D	18 Parker St.
*3	Inspector,	ANDERSON H. SWIFT	R	98 Campbell St.
*4	"	ALBERT C. WELCH	D	69 Sycamore St.
*5	"	DANIEL J. MURPHY	R	220 Summer St.
*6	"	JOSEPH L. FORRESTER	D	237 Hillman St.

Deputies

*1	Warden,	ABNER P. POPE	R	63 Thomas St.
2	Clerk,	JOHN C. CLARKE	D	63 State St.
3	Inspector,	LAWRENCE A. JORDAN	R	4 Smith St. Ct.
4	"	RALPH M. PUTNAM	D	27 Robeson St.
*5	"	SIMEON LIVESLEY	R	169 Merrimac St.
6	"	VACANCY	D	

WARD 3, PRECINCT 11**Regulars.**

*1	Warden,	SAMUEL E. GABRIEL	R	463 Cottage St.
2	Clerk,	DANIEL J. SULLIVAN	D	100 Hillman St.
*3	Inspector,	ARTHUR P. ALLEN	R	186 Summer St.
*4	"	JAMES A. REED	D	61 Chestnut St.
*5	"	EDWARD T. MAHONEY	R	508 Cottage St.
*6	"	JAMES J. FINN	D	161 North St.

Deputies

1	Warden,	JAMES A. NOLET	R	90 Robeson St.
2	Clerk,	WILLIAM F. HILL	D	285 Pope St.
*3	Inspector,	JAMES E. SARGENT	R	25 Richmond St.
4	"	JOSEPH P. RIELLY	D	9 Richmond St.
*5	"	STEPHEN B. ARNOLD	R	525 Cottage St.
6	"	JAMES E. MALEY	D	48 Richmond St.

WARD 3, PRECINCT 12**Regulars.**

*1	Warden,	JAMES H. BAMFORD	R	90 Merrimac St.
*2	Clerk,	EDWARD C. JOHNSON	D	36 Keane St.
*3	Inspector,	JOHN P. O'HARA	R	25 Richmond St.
*4	"	CHARLES A. GALLIGAN	D	36 Pearl St.
*5	"	WILLIAM YORK	R	123 Cedar St.
*6	"	TIMOTHY J. DORGAN	D	5 Tilton St.

Deputies

*1	Warden,	EDWARD H. CARTER	R	275 Pope St.
*2	Clerk,	JOHN H. RYAN, Jr.	D	162 Campbell St.
*3	Inspector,	JOSEPH ROSS	R	38 Keane St.
*4	"	ISAAC BARRON	D	431 Mill St.
*5	"	THOMAS DWYER	R	325 Cottage St.
6	"	JOHN R. WALSH	D	136 Florence St.

WARD 4, PRECINCT 13**Regulars.**

*1	Warden,	ANDREW TATE	D	399 Elm St.
*2	Clerk,	JOSEPH H. SCHOFIELD	R	200 Tremont St.
*3	Inspector,	PATRICK J. NORTON	D	18 Cedar St.
*4	"	CHESTER E. DAVIS	R	165 Middle St.
*5	"	CLARENCE E. ROCKEFELLOW	D	137 Kempton
*6	"	EDWARD P. SADLER	R	115 Park St.

Deputies

1	Warden,	VACANCY	D	
*2	Clerk,	JAMES H. SIMPSON	R	60 Spring St.
*3	Inspector,	ANDREW C. HURLEY	D	18 So. Second St.
*4	"	JAMES ARUNDALE	R	517 Kempton St.
*5	"	FRANK C. BLIFFINS	D	411 Pleasant St.
*6	"	JOHN J. FLAHERTY	R	189 Chancery St.

WARD 4, PRECINCT 14**Regulars.**

*1	Warden,	HENRY A. GRAY	D	288 Palmer St.
*2	Clerk,	LYNTON M. BUFFINTON	R	418 Union St.
*3	Inspector,	PHILIP S. BRIGGS	D	483 County St.
*4	"	FREDERICK D. BARROWS	R	28 High St.
5	"	PETER J. RILEY	D	53 Morgan St.
*6	"	WILLIAM E. CARROLL	R	568 Kempton St.

Deputies

1	Warden,	FRANK G. COONYER	D	280 Ash St.
*2	Clerk,	CHARLES E. CARROLL	R	247 Middle St.
3	Inspector,	EVERETT A. DUNHAM	D	119 Court St.
4	"	ANTHONY LOMBA	R	152 Mill St.
*5	"	ALBERT KENNEDY	D	126 Mill St.
*6	"	CHARLES B. DAVIS	R	95 High St.

WARD 4, PRECINCT 15**Regulars.**

*1	Warden,	EDWARD B. GRAY	D	285 Middle St.
*2	Clerk,	OBED S. COWING	R	559 Kempton St.
*3	Inspector,	MICHAEL C. AUSTIN	D	431 Court St.
*4	"	FREDERICK B. COOK	R	14 Junior St.
*5	"	GEORGE A. BREEN	D	38 Emerson St.
*6	"	ALBERT E. WELSH	R	114 Newton St.

Deputies

*1	Warden,	FRED S. WORDELL	D	45 Pierce St.
2	Clerk,	IRVINGTON S. ALLEN	R	68 Liberty St.
*3	Inspector,	WILLIAM E. C. CARPENTER	D	403 Elm St.
*4	"	FRANK O. COVILL	R	103 Chancery St.
5	"	VACANCY	D	
*6	"	HENRY W. ELLISON	R	56 Emerson St.

WARD 4, PRECINCT 16**Regulars.**

*1	Warden,	HERBERT E. MACY	D	507 Elm St.
*2	Clerk,	HERBERT C. HAMMOND	R	36 Florence St.
3	Inspector,	TIMOTHY J. GLEASON	D	74 Park St.
*4	"	ALBERT J. BERTHIAUME	R	339 Court St.
*5	"	PETER F. MULKERNE	D	93 Armour St.
*6	"	F. EBEN BROWN	R	526 Purchase St.

Deputies

*1	Warden,	DENNIS CROWLEY	D	12 Lindsey St.
*2	Clerk,	FRANK W. DAVIS	R	567 Kempton St.
*3	Inspector,	ADAM C. HENDERSON	D	484 Mill St.
4	"	VACANCY	R	
5	"	GEORGE H. SALTUS	D	48 Florence St.
6	"	SAMUEL N. DONAGHY	R	218 Brownell St.

WARD 5, PRECINCT 17**Regulars.**

*1	Warden,	GEORGE F. RICHARDSON	D	245 Acushnet Ave.
*2	Clerk,	CLIFTON F. ASHLEY	R	42 So. Sixth St.
*3	Inspector,	ROBERT JACKSON	D	99 Fair St.
*4	"	PAUL RIOUX	R	109 South St.
*5	"	ROBERT J. CURRY	D	111 Grinnell St.
*6	"	WILLIAM J. DUNN	R	109 South St.

Deputies

*1	Warden,	JOHN M. FAGAN	D	242 Purchase St.
*2	Clerk,	CHARLES M. MORSE, Jr.	R	502 Purchase St.
3	Inspector,	VACANCY	D	
4	"	THOMAS A. MORRISON	R	64 Forest St.
*5	"	WILLIAM C. DeMELLO, Jr.	D	157 Grinnell St.
*6	"	JOHN H. MACKAY	R	81 Oak St.

WARD 5, PRECINCT 18**Regulars.**

*1	Warden,	JOHN J. McAVOY	D	103 South St.
*2	Clerk,	WILLIAM BURKLE	R	83 Washington St.
3	Inspector,	ARTHUR R. HOWLAND	D	116 So. Sixth St.
*4	"	E. PHILIP BERTHIAUME	R	23 Fair St.
*5	"	EDWARD W. GALLIGAN	D	285 Hawthorn St.
*6	"	WANTON H. S. BEAUVAIS	R	263 Pleasant St.

Deputies

*1	Warden,	ARTHUR GOULART	D	110 Rockland St.
*2	Clerk,	JOSEPH C. PERRY	R	265 County St.
*3	Inspector,	DENNIS CONNOR	D	313 Pleasant St.
4	"	MICHAEL QUINN	R	103 Rockland St.
*5	"	THOMAS F. GALLIGAN	D	177 Grinnell St.
6	"	JOSEPH V. DIAS	R	9 Bay St.

WARD 5, PRECINCT 19**Regulars.**

*1	Warden,	JOHN C. EMERY	R	99 Bedford St.
*2	Clerk,	CLIFTON P. TUELL	D	341 So. Orchard St.
3	Inspector,	JOSEPH A. CRONIN	R	240 Maple St.
*4	"	JOSEPH A. McAVOY	D	103 South St.
*5	"	GEORGE H. KENNEDY	R	11 Oak St.
*6	"	WILLIAM N. NELSON	D	46 Oak St.

Deputies

*1	Warden,	SAMUEL MORRIS	R	60 Bay St.
*2	Clerk,	CHARLES F. F. JONES	D	64 Borden St.
*3	Inspector,	JAMES A. WIXON	R	368 W. Bedford St.
*4	"	JOSEPH P. CRONIN	D	17 Harrison St.
*5	"	WILLARD O. NUZUM	R	68 Cottage St.
6	"	JAMES F. FARRELL	D	183 Rockland St.

WARD 5, PRECINCT 20**Regulars.**

*1	Warden,	HENRY C. GRAY	D	75 Dartmouth St.
*2	Clerk,	GEORGE F. CURRY	R	494 Allen St.
*3	Inspector,	HERBERT W. BLISS	D	72 Rotch St.
*4	"	HORACE R. COUPE	R	1½ Warwick St.
*5	"	WILLIAM L. FITZGERALD	D	47 Carroll St.
*6	"	JOHN H. MARTIN	R	232 Arnold St.

Deputies

1	Warden,	WILLIAM F. ROBERTSON	D.	13 Columbia St.
*2	Clerk,	WILLIAM SHENNAN	R	262 Arnold St.
3	Inspector,	ANTHONY J. MONIZ	D	14 Devoll St.
*4	"	LEANDER REED	R	394 Allen St.
*5	"	ANDREW J. ADAMS	D	106 Oak St.
6	"	CHARLES L. FAUNCE	R	139 Brownell St.

WARD 6, PRECINCT 21**Regulars.**

*1	Warden,	HUGH J. KERR	D	1016 So. Water St.
*2	Clerk,	PHILIP E. FOGARTY	R	22 Hall St.
*3	Inspector,	JAMES KINCAID	D	119 Ruth St.
*4	"	JOHN H. RYAN	R	94 County St.
*5	"	JOHN McGLADDER	D	65 Acushnet Ave.
*6	"	GREENWOOD PENDELBURY	R	109 Division St.

Deputies

*1	Warden,	REMI F. LAVOIE	D	153 Blackmer St.
2	Clerk,	VACANCY	R	
3	Inspector,	VACANCY	D	
4	"	WILLIAM H. SHARPLES	R	76 Delano St.
5	"	VACANCY	D.	
6	"	VACANCY	R	

WARD 6, PRECINCT 22**Regulars.**

*1	Warden,	OWEN J. DOWD	D	800 So. First St.
*2	Clerk,	JAMES VALENTINE RONAN	R	29 Mosher St.
*3	Inspector,	PIERRE H. DANDURAND	D	22 W. French Ave.
*4	"	ZEPHIR J. ROBERT	R	85 Jouvette St.
*5	"	THOMAS BRETHERTON	D	130 Crapo St.
*6	"	GEORGE W. NOYER	R	77 County St.

Deputies

*1	Warden,	PAUL FORAND	D	62 County St.
*2	Clerk,	FRANK WILLIAMS	R	38 W. French Ave.
*3	Inspector,	HENRY BERARD	D	1063 So. Water St.
*4	"	HARRY BOWDEN	R	64 Jouvette St.
5	"	RICHARD A. KERR	D	1016 So. Water St.
*6	"	HENRY BOLTON	R	22 Viall St.

WARD 6, PRECINCT 23**Regulars.**

*1	Warden,	JOHN B. L. WATERHOUSE	R	451 Rivet St.
*2	Clerk,	MANUEL JOSEPH	D	206 Rockland St.
*3	Inspector,	LEONARD McDONALD	R	490 Bolton St.
*4	"	HENRY D. BAKUS	D	69 Crapo St.
*5	"	JOHN S. HARRISON	R	57 Briggs St.
*6	"	SERAPHINO P. SYLVIA	D	136 Field St.

Deputies

1	Warden,	ARTHUR F. GLEASON	R	519 Rivet St.
2	Clerk,	JOHN F. MCGREEVY	D	69 Crapo St.
3	Inspector,	ANTONE E. PERRY, Jr.	R	13 Briggs St.
4	"	WILLIAM B. MONIZ	D	131 Crapo St.
*5	"	JAMES A. HEMINGWAY	R	42 Swift St.
6	"	CHARLES ST. PIERRE	D	105 Hemlock St.

WARD 6, PRECINCT 24**Regulars.**

*1	Warden,	DENNIS F. SHUGRUE	D	33 Delano St.
*2	Clerk,	NAPOLEON GREGOIRE	R	74 Nelson St.
*3	Inspector,	LUDGER LAVOIE	D	107 David St.
*4	"	JOHN A. HYDE	R	738 Brock Ave.
*5	"	ARTHUR WOOLEY	D	71 Ruth St.
6	"	VACANCY	R	

Deputies

*1	Warden,	LEO F. WILLIAMS	D	38 W. French Ave.
2	Clerk,	THOMAS SINGLETON	R	46 Ashley St.
3	Inspector,	WILLIAM A. ADAMS	D	166 Clara St.
4	"	VACANCY	R	
5	"	WILLIAM A. ADAMS, Jr.	D	166 Clara St.
*6	"	WENCESLAR FRENETTE	R	100 Roosevelt St.

WARD LINES

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

December 23, 1914.

ORDERED, That in conformity with the Revised Laws of Massachusetts, and under authority of Chapter 676 of the Acts of the Legislature in the year 1914, the several wards of the city be and they hereby are divided and established according to the following described lines, said division and designation to take effect as prescribed by Section 4 of said Chapter 676 of 1914:

Ward One—All that portion of the city lying north and east of a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and drawn through the middle of Sawyer Street to the westerly line of the location of the Old Colony Railroad; thence northerly and westerly in that line and in the southerly line of the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the Town of Dartmouth.

Ward Two—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of the following streets, namely: Wamsutta, Purchase, Austin, County, Hazard, Summer, Robeson, and the last named line extended to the line between the City of New Bedford and the Town of Dartmouth, and the line

beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of Sawyer Street to the westerly line of the location of the Old Colony Railroad; thence northerly and westerly in that line and in the southerly line of the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the Town of Dartmouth.

Ward Three—All that portion of the city lying between a line beginning at a point in the Acushnet River at the line between the City of New Bedford and the Town of Fairhaven, and passing north of Popes and Fish Islands, and thence through the middle line of the following streets, namely: North, Newton, Mill and Kempton to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of the following streets, namely: Wamsutta, Purchase, Austin, County, Hazard, Summer, Robeson, and the last named line extended to the line between the City of New Bedford and the Town of Dartmouth.

Ward Four—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and passing south of Popes and Fish Islands, and thence through the middle of the following streets, namely: Walnut, County and Arnold, to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven passing north of Popes and Fish Islands, and thence through the middle line of the following streets, namely: North, Newton, Mill and Kempton to the line between the City of New Bedford and the Town of Dartmouth.

Ward Five—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and passing north of Palmers Island; thence through the middle of the following streets, namely: Potomska, Purchase, Thompson, Bonney and Rockland; thence westerly across the Rural Cemetery and through the middle of Winterville Road to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and passing south of Popes and Fish Islands, and thence through the middle of the following streets, namely: Walnut, County and Arnold, to the line between the City of New Bedford and the Town of Dartmouth.

Ward Six—All that portion of the city lying south of a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and passing north of Palmers Island; thence through the middle of the following streets, namely: Potomska, Purchase, Thompson, Bonney and Rockland; thence westerly across the Rural Cemetery and through the middle of Winterville Road

to the line between the City of New Bedford and the Town of Dartmouth.

In Board of Aldermen, Dec. 23, 1914. Adopted and sent down for concurrence.

In Common Council, Dec. 23, 1914. Concurred.

Presented to and approved by the Mayor, Dec. 24, 1914.

A true copy, attest: W. H. B. REMINGTON, City Clerk.

EXTRACT FROM LAW.

Section 4 of Chapter 676 of the Acts of 1914, entitled "An Act relative to the re-division of cities into wards and voting precincts," is as follows:

Chapter 676, Acts 1914.

"Section 4. Said Chapter eight hundred and thirty-five is hereby further amended by striking out section two hundred and nineteen and inserting in place thereof the following new section: Section 219. For all elections held prior to the annual state primary in the second year following a re-division of a city into wards, and for the assessment of taxes prior to such time, the wards as existing prior to such re-division shall continue, and for such purposes the election officers shall be appointed and hold office, and voting lists shall be prepared, and all other things required by law shall be done as if no such re-division had been made. For all other purposes, the new division shall take effect on the thirty-first day of December of the year when it is made."

W. H. B. REMINGTON, City Clerk.

VOTING PRECINCTS

CITY OF NEW BEDFORD.

In Board of Aldermen, Jan. 14, 1915.

ORDERED, That the wards of the City of New Bedford as established by the City Council of 1914, be and they hereby are divided into voting precincts, as follows:

WARD ONE.

Precinct 1—All that part of ward 1 lying northerly and westerly from the following described lines, viz.: Beginning at a point in the Acushnet river and in an extension easterly of the centre line of Belleville road to the centre line of the Old Colony railroad; thence southerly in the centre line of the Old Colony railroad to its junction with the line between ward 1 and ward 2; thence westerly in the centre line of the Watuppa branch of the Old Colony railroad to the line between the City of New Bedford and the Town of Dartmouth.

Precinct 2—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river, and extending through the centre lines of Manomet street, Riverside avenue, Hathaway street, Belleville avenue, Earle street, the Old Colony railroad, and Belleville road to the Acushnet river.

Precinct 3—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Deane street, the Old Colony railroad, Earle street, Belleville avenue, Hathaway street, Riverside avenue, and Manomet street to the Acushnet river.

Precinct 4—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Sawyer street, Old Colony railroad, and Deane street to the Acushnet river.

WARD TWO.

Precinct 5—All that part of ward 2 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Wamsutta street, Old Colony railroad, and Sawyer street to the Acushnet river.

Precinct 6—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Wamsutta street, Purchase street, Austin street, County street, Linden street, Reynolds street and Reynolds street produced, and the Old Colony railroad.

Precinct 7—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Hazard street, Summer street, Robeson street, Cottage street, Mt. Pleasant street, Old Colony railroad, Reynolds street and Reynolds street produced, Linden street, and County street.

Precinct 8—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Robeson

street and Robeson street produced, the line between the City of New Bedford and the Town of Dartmouth, the centre line of the Old Colony railroad, and the centre lines of Mt. Pleasant and Cottage streets.

WARD THREE.

Precinct 9—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Hill street, Hillman street, State street, Willis street, State street, Pearl street, County street, Austin street, Purchase street, and Wamsutta street.

Precinct 10—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Chestnut street, Robeson street, Summer street, Hazard street, County street, Pearl street, State street, Willis street, State street, Hillman street, and Hill street.

Precinct 11—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Cedar street, Parker street, Shawmut avenue, Robeson street, and Chestnut street.

Precinct 12—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Newton street, Mill street, Kempton street, the line between the City of New Bedford and the Town of Dartmouth, the centre lines of Robeson street and Robeson street produced, Shawmut avenue, Parker street and Cedar street.

WARD FOUR.

Precinct 13—All that part of ward 4 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Walnut street, County street and North street to the Acushnet river, including the islands in the Acushnet river known as "Fish island" and "Popes island."

Precinct 14—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Arnold, Ash, North and County streets.

Precinct 15—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Arnold, Tremont, Mill, Newton, North and Ash streets.

Precinct 16—All that part of Ward 4 bounded by the following lines in sequence, viz.: The centre line of Arnold street and Arnold street extended, the line between the City of New Bedford and the Town of Dartmouth, and the centre lines of Kempton, Mill and Tremont streets.

WARD FIVE.

Precinct 17—All that part of ward 5 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Potomska, Purchase, Thompson, County, Sixth and Walnut streets to the Acushnet river.

Precinct 18—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre lines of Thompson, Bonney, Rockland, Orchard, Arnold, County, Walnut, Sixth, and County streets.

Precinct 19—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre line of Rockland street, the southerly line of ward 5 in Rural cemetery, the centre lines of Lewis street and Lewis street extended, Grape, Oak, Clay, Ward, Bedford, Ash, Arnold, and Orchard streets.

Precinct 20—All that part of ward 5 bounded by the following lines in sequence, viz.: The southerly line of ward 5 in Rural cemetery, the centre line of Winterville road, the line between the City of New Bedford and the Town of Dartmouth, the centre lines of Arnold street and Arnold street extended, Ash street, Ward street, Clay street, Oak street, Grape street, Lewis street and Lewis street extended.

WARD SIX.

Precinct 21—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Gifford, Water, Division, Crapo, Thompson, Purchase and Potomska streets to the Acushnet river including the island in Acushnet river known as "Palmer's island."

Precinct 22—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Ruth street and Brock avenue to Clarks cove; beginning again at Clarks cove and extending through the centre lines of Crapo, Division, Water and Gifford streets to the Acushnet river.

Precinct 23—All that part of ward 6 bounded by the following lines in sequence, viz.: The boundary line between the City of New Bedford and the Town of Dartmouth, the centre line of Winterville road, the northerly line of ward 6 across Rural cemetery, the centre lines of Rockland, Bonney, Thompson and Crapo streets to Clarks cove.

Precinct 24—All that part of ward 6 lying southerly of the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Ruth street and Brock avenue to Clarks cove.

In Board of Aldermen, Jan. 14, 1915. Adopted.

Presented to and approved by the mayor, Jan. 15, 1915.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

TWENTY-FIRST
INAUGURAL ADDRESS
OF
Hon. CHARLES S. ASHLEY
MAYOR
CITY OF NEW BEDFORD
MASSACHUSETTS



AT THE
INAUGURATION OF THE CITY GOVERNMENT,
JANUARY FIRST

NINETEEN HUNDRED AND TWENTY

NEW BEDFORD, MASS.
THE BAKER MANUFACTURING CO., PRINTERS
1920

TWENTY-FIRST INAUGURAL ADDRESS

OF THE

Hon. CHARLES S. ASHLEY

Gentlemen of the City Council:—

I refrain today, from laying before you a detailed plan of suggested action for the coming year.

It seems to me, also, that no useful purpose is served by reviewing the doings of the administration period now concluded.

That is to say, I shall omit the remarks usually described as the "Mayor's Inaugural Address."

Under ordinary circumstances, it has been the custom to devote many words descriptive of conditions past and existing, to comment upon the same, and to at length forecast probable necessities and means of accomplishment.

The general unsettled state of affairs has created burdens and emergencies unlike any before experienced, and prophecy is inadequate to anticipate to what extent and in what direction unusual and extraordinary situations may develop.

Suffice it to say, I decline to undertake the responsibility of now selecting the topics that time may prove to have demanded from you the greatest attention and most pressing action.

Under the law, the preparation of the appropriation budget is in the first instance imposed as a duty upon the mayor.

In connection with its transmission to your action, my communication in explanation goes forward to you at the prescribed time for your consideration.

I shall doubtless be required, on many occasions afterwards, to lay before you my views in reference to projects that may arise and in such cases I will provide you with all information in my possession.

As a preliminary, you should acquaint yourselves with the financial statements and tables that have been prepared, to the end that the all important subject to ways and means shall be fully understood by each and every one of you.

ANNUAL REPORT

OF THE

Committee on Bath Houses

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the season ending September 30, 1919



NEW BEDFORD, MASS.
THE BAKER MANUFACTURING CO., PRINTERS
1920

CITY OF NEW BEDFORD.

December 30, 1919.

To the City Council:

Gentlemen:—The Committee on Bath Houses submits herewith its annual report for the season of 1919.

Total expenditures, aggregate \$10,351.76. Total receipts, aggregate \$3,581.92.

The estimated number of bathers accommodated during the season of sixteen weeks was 60,000, at least two-thirds of this number contributing no receipts.

The exceedingly poor weather experienced during the season visibly reduced the receipts from fees at the Bath Houses, which amounted to \$2,191.48.

This same condition prevailed at all public bathing beaches in this section of the country, cold weather and rain, especially at week ends, when generally the bathing is the heaviest, reducing the receipts from the rental of bath houses, suits and towels materially.

The expenditures were somewhat enhanced this year by the employment of a permanent caretaker, but the Committee feels that this comparatively slight increase in its pay-roll is more than justified by having a competent man at all seasons guarding a piece of public property worth in excess of \$60,000.

George A. Wooldridge, to whom the position of permanent caretaker has been assigned, is a thorough workman understanding much about carpentry, painting and mechanics, and his services have saved the city more than he has received in salary.

The Committee from its inception this year adopted the policy of giving as much employment as possible to returned soldiers and sailors, and within two or three exceptions every male employe at the bath houses served this country or its allies in the World War.

The employes during the season were 14 in number during the first part of the season, and 13 during the remainder. They were: David Lumiansky, superintendent; George A. Wooldridge, assistant superintendent and caretaker; Thomas Grimshaw, Joseph Lajeu-

nesse, William A. Adams, John Coyne and Harold Kenworthy, attendants; Arthur C. Desjardins, Rock C. Mathew, T. E. Halliwell, life guards; John Kelly, night watchman; Mrs. Taber, Mrs. Chapman and Mrs. Doyle, women attendants. Mr. Kenworthy, a wounded and returned soldier, was forced by ill health caused by his wounds to resign his position in mid-summer, and his place was not filled for the remainder of the season.

The pay-roll which started at \$302 per week was increased in July to \$308 per week, due to a slight increase of $12\frac{1}{2}$ per cent. granted to all the employes upon their unanimous petition. The pay from the time the increase was granted until the end of the season was as follows: Superintendent, \$28.75 per week; assistant superintendent and caretaker, \$26.45 per week; attendants, life guards and night-watchman, \$24.15 per week; women attendants, \$20.13 per week. The week comprised seven days of eight hours per day.

The sum of \$1,080 of the Committee's appropriation was expended in clearing the bathing beach from the stone pier southerly to a point opposite the gate to Hazelwood Park from boulders and stone. While this job was satisfactory for awhile the tide washed other stones on the beach, and has convinced the members of the Committee that something should be done, such as the erection of bush sand retainers stretching out into the water at set intervals, to induce the sand to wash up on the beach and remain there. This Committee makes this project as a recommendation to its successors.

The Committee obtained the sum of \$786 for the privilege of selling refreshments to the bathers and patrons of the beach from the pagoda located on the stone pier, and this sum of money has been collected and is in the hands of the City Treasurer.

With the consent of the City Council two antiquated and useless rafts were sold at auction, and as a result the sum of \$28.50 was turned into the City Treasury. The Committee recommends that a large, new raft such as is used at the public bathing beaches be purchased to take the place of the rafts which have been sold. A water-logged and useless row-boat was also sold and the \$6.44 it brought was turned into the City Treasury.

The Committee this year collected \$569.50 due the City of New Bedford for steel lockers sold to local mills

in 1918, under authority from the Committee of 1918.

All of these sums, together with the fees of \$2,191.48 for the rental of bath houses, suits and towels, aggregating in all \$3,518.92, have been turned into the City Treasury and credited to unappropriated funds. Had the Committee been permitted the use of this money the cost of conducting the bath houses during the past year would have totalled \$6,769.84, which in the opinion of the Committee is not an excessive sum when it is considered that approximately 100,000 enjoyed the recreation of bathing and promenade, and the pleasure of watching the bathers during the summer season.

Bicycle racks and sun-shelters were erected for the convenience of the patrons, and it is planned that similar sun-shelters will be built by the caretaker and placed at intervals on the walks and pier before the beginning of next season.

The Committee is disappointed at the failure of its project to have a large shelter erected on the stone pier. The Committee had plans for such a structure drawn by the Superintendent of Public Buildings, but the lack of funds necessary to build the structure kept the matter in abeyance. It is hoped by the retiring committee that the Committee of 1920 will find the inclination and the money to carry out this proposition of a shelter at the bathing beach, where mothers may bring their children and be out of the broiling sun while watching the bathers.

The Committee has considered the advisability of changing over the present system at the bath houses, and installing a system of boxes for clothing, whereby a patron uses a bath house only long enough to disrobe and later to dress, instead of permitting bath houses to be idle during the entire time a bather is in the water, which is often from three to six hours. In this way it is hoped that when the rush days and hours are on it will be possible to accommodate all who desire to bathe, and not have to, as is the case at present, refuse hundreds of patrons for the reason that all available bath houses are in use.

The box system is used successfully at the semi-public bathing houses at Horseneck Beach, and this Committee recommends to the new Committee that it investigate the system at Mr. A. A. Allen's bathing

houses at Horseneck Beach, and if the Committee deems it advisable to change to this system, to at once start the necessary work of making boxes and shelves so that the system will be in perfect running order by the opening of the season of 1920.

Still another recommendation which this Committee makes is that the new Committee investigate thoroughly the feasibility of installing a small laundry at the Municipal Bath Houses. This Committee visited the public bathing houses at Revere Beach early this year, and was very favorably impressed with the laundry system in operation at that institution. The Committee believes that a smaller laundry of the same type might be installed and operated at the New Bedford Municipal Bathing Houses to the financial benefit of the city, as the cost of laundry work has increased so in the last few years that the money saved in laundry bills would in a comparatively short time pay for the installation of laundry machinery.

The cost of laundry work cut a deep slice in the Committee's appropriation as may be seen in the following table of expenditures for the present year:

The Committee incorporates in its report the report of Superintendent David Lumiansky. This report is a comprehensive one, including statistics covering the entire sixteen weeks of the open season at the bath houses. It contains several recommendations and suggestions for improvements to the plant, the beach and the system of conducting the bath houses which are well worth deep consideration by the incoming Committee. And while the Committee realizes that a number of Superintendent Lumiansky's suggestions involve the expenditure of more money than the city can at present afford to appropriate for recreation purposes, the Committee sincerely hopes that some of the recommendations contained in this report will be carried out by the new Committee.

THOMAS KIRKHAM,
Chairman.

Committee on Bath Houses,

Thomas Kirkham, Chairman:

Mr. Chairman and Gentlemen:—I beg to submit

herewith my report for the bathing season of 1919, together with an itemized account of all expenditures, appropriations, operating expense and gross revenue derived therefrom; there are also included herein various suggestions and recommendations as to changes, alterations, repairs, additions, etc., which my experience in supervision of the bath houses in active operation have led me to believe will greatly add to the beauty of the plant, to its efficiency, and to the practical and more adequate service which this institution was designed to offer to the general public.

Before delving into the detailed report of actual operation, I wish to add a word as to the general conditions of the past season.

The success or failure of the public bath houses from the faint view of revenue derived therefrom depends wholly upon the length of the bathing season and the weather during that time.

The past summer has been marked by an unusually heavy fall of rain, by very frequent thunder and electrical storms, and extremely heavy fogs and mist. Bathing resorts all along the coast complain of having encountered the worst bathing season in years. Our municipal bath houses have been no exception. As an example of the sort of weather which has been prevalent this summer, out of nine Wednesday half holidays here, eight were rainy. From the standpoint of revenue, the season has been an unusually poor one.

There is, however, another point of view, which to my mind, is the more important one. That is, the matter of public service rendered. Our bath houses are no more a profit-making institution than is the Public Park System. Both, in my opinion, were founded not for money profit, but to yield dividends in the opportunities offered the public at large for good wholesome open air amusement, recreation and health building. From that point of view, our season has been a decided success, and our institution has rendered an immeasurable public service and benefit. In this regard let me call your attention to the fact that over 60,000 bathers were accommodated this summer, of which number 75 per cent. paid nothing for the privilege.

I submit respectfully, Mr. Chairman, to your Committee and to you, for your consideration, the following

suggestions and recommendations; they go to the root of what may mean the future success or failure of the institution as regards the quantity and quality of service which it should render to the public.

Suggestion No. 1.

The first suggestion which I shall make to you is that the locker system which has been in operation this past season be done away with entirely. The elimination of this system will do away with the greatest obstacle in the way of adequate service.

To those who may be unfamiliar with the locker system, let me say that it necessitates the crowding of hundreds of metal lockers into one or more large public rooms, where the bathers must dress and undress in full view of scores of other bathers, with no opportunity for privacy of any sort; minors and adults are packed into the same room, and it is no uncommon thing to see boys of ten next to men of mature years, try as you may to keep them in separate departments.

Apart from the unsanitary conditions which this system brings about, it is extremely immoral, and places the younger element in an environment much to be deplored.

Remedy No. 1.

To remedy this condition, the metal lockers should be removed from the plant and turned over to the proper committee for disposal or sale. The wall between the women's houses and the boys' locker room should be removed, making the entire northern wing of the building exclusively a women's department, and the showers in that department should be set back to the extreme north end of the enlarged women's department. More private houses should then be erected in the space made available, almost doubling the capacity of the women's department, which extra accommodations are very badly needed.

In the men's department, the wall between the private houses and the locker room should be removed, the showers set back to the extreme south end of the south wing of the department, and private houses built in the additional space, adding 35 per cent. to the capacity of the men's department, which is also very badly

needed. The new houses should be very much smaller in size than those now in use.

To provide accommodations for free bathers, the coop and check system should be introduced.

A series of tiers of coops (similar to large pigeon-holes in a desk) should be built, along the south wall of the administration building, extending out from the wall a distance of twelve feet. The south wall and the north wall would give space enough for approximately 1,000 coops, 500 for boys and men on the south side and 500 for girls and women on the north side, with a counter in front of each section, still leaving plenty of space in the centre of the building for the public.

To provide facilities for free bathers to change their clothing, the entire east row of private houses in both the men's and women's departments should be placed at their disposal; the yale locks should be removed and the doors provided with slide bolts inside; they should be left open except when actually in use for the few minutes necessary for a bather to change clothes. The bathers who did not care for a private house could then procure a suit and towel, walk into one of the free, open rooms, change his clothes, leave the room vacant with the door open, ready for the next bather and bring his clothes back to the office to be checked. When leaving the water, the bather would call for his clothes at the office and change back again in the first available open room.

Under these conditions our plant would then accommodate approximately 1,500 bathers at one time, without crowding, and in a clean, sanitary, healthful, moral way.

It is my opinion that with this system in operation, it would be possible to reduce the staff of help at the bath houses considerably, and at a great saving in salaries and overhead expense.

Suggestion No. 2.

The entire roof of the administration building is in such poor condition that it affords very little real protection from rain.

The roof of the administration building should be covered with a waterproof substance like Ruberoid, strong enough to withstand heavy rainfall.

Suggestion No. 3.

The subways leading underneath the boardwalk, which are used exclusively for bathers, provide the only real drudgery of the entire season's work. Every rain-fall floods them with water which must be bailed out, either by hand or with a pump.

Remedy No. 3.

Drains should be built in the subways sufficient to carry off the water which accumulates therein, either from rain or from constant use by bathers.

Suggestion No. 4.

The men's department of the bath houses is equipped with two urinals and two closets. It is unnecessary to point out that such comfort station accommodation is entirely inadequate for hundreds of men and boys at one time.

Remedy No. 4.

Additional urinals and closets should be provided in both men's and women's departments, at least double the number now in use.

Suggestion No. 5.

The suit and towel problem at the bath houses is one of considerable importance. Every season has shown a loss of approximately \$1,500.00 worth of bathing suits and towels, occasioned both by reason of outright theft and ordinary wear and tear. The wear and tear item is one which is to be expected, but a remedy should be provided to prevent the wholesale stealing of suits and towels. Turn stiles should be installed in the subways, and a deposit taken on every suit and towel given out, all deposits to be refunded upon return of suits and towels.

Incidentally, in connection with suits and towels, I would suggest the purchase of very small sized suits for both boys and girls. We have at present no suits smaller than 32 and 34, also the purchase of a few very large size men's suits—46 and '48, of which at present there are none.

While we are discussing the matter of suits and towels, we should also take up at this time the question

of revenue derived from the charge for suits, towels and rooms.

At present, there is a charge made of ten cents for a private bath house, which I consider a fair and proper charge at such an institution.

If a bather desires a towel in addition to his private house an extra charge of three cents is made, making a total of thirteen cents. Here I would suggest a slight increase of two cents in the price charged. Five cents for the use of a good sized turkish towel of very fair quality is not asking too much. On the contrary, it is very reasonable.

If a bather desires a bathing suit in addition to a room and towel, an additional charge of two cents is made, making a total of 15 cents for room, suit and towel. Here let me point out the real inadequacy of the entire charge made. It costs the city an average of 9 cents to launder, that is just wash and dry each suit. Note, gentlemen of the committee, that the city charges 2 cents for the use of a suit, and pays 9 cents to wash it.

I would suggest that the price for each suit be 10 cents; for each towel 5 cents and for each bath house 10 cents, making a total charge to the bathers of 25 cents for private house, suit and towel.

Before we leave the interior of the building, another suggestion occurs to me. In every large crowd, there is bound to be some unruly and boisterous element which delights in making things unpleasant both for themselves and for every one else. Also, there have been reported frequent cases of thefts from the rooms and lockers of bathers, with which conditions the staff at the bath houses have been unable to cope.

I would suggest that the Committee request the appointment of a regular police officer to be stationed on permanent duty at the bath houses.

Suggestion No. 6.

The street in front of the bath houses is in wretched condition. Situated as it is, at the foot of a hill, the surface water from Willard and Valentine Streets, and Hazelwood Park flood the street, until, at times, West French Avenue from sidewalk is invisible, water standing to a depth of several inches.

The portion of West French Avenue from the Kil-

burn Mill down to the southern end of Hazelwood Park should be provided with adequate and suitable drainage, the road macadamized and a granolithic sidewalk laid in front of the bath houses.

Suggestion No. 7.

On the water side of the bath houses, much could be done toward extending and beautifying the beach. At present, there is very little real sandy beach there. A wharf juts out several hundred feet into the water, forming a sort of breakwater. North of the wharf, the beach is very flat and gravelly; south of the wharf, tons and tons of very fine sand have banked up to a depth of many feet, making a very sharp angle and pitch to the water at high tide.

Still farther south of this sandy strip of beach is a stretch of rocky beach over 500 feet long. During the past spring some of the larger rocks were removed, but the beach is still in very poor condition.

Remedy No. 7.

The wharf should be torn down, making one long stretch of beach from the entrance to Hazelwood Park on the south to the intersection of Willard Street on the north, giving a beach over a quarter of a mile long. The rocky portion of the beach should be thoroughly cleaned and freed of rocks; sand-traps should be placed at suitable distances to catch and hold the sand washed in by the tides; a breakwater should be built at the northernmost extremity of the beach, and the sand which will naturally pile up there should be strewn over portions of the beach where sand was not washed in so quickly.

Along the southern section of the beach, that part which was cleared of heavy rock, a wall should be built to sustain the bank bordering on the street. Several steps or walks should be provided at certain distances to allow access to the beach without jumping from the wall.

Along the top of the wall, suitable benches and sun shelters should be erected to provide a shady, comfortable place for mothers to come with children, or for elderly people to rest without being exposed to the scorching hot rays of the sun. Trees could be placed along the roadway to beautify the spot, and add to its otherwise shady comfort.

The last suggestion which I shall make is with reference to the erection of two suitable rafts for the water. One raft should be a comparatively small minor affair, for the use of the women and children, constructed simply with nothing but a flat floor space and four spring boards for diving, one on each side of the raft. This raft should be placed in the water not far from the sub-way entrance to the department of the building devoted to women and children.

The second and larger raft for use in the water on the men's (south) side of the beach, should be a much more elaborate and permanent affair. I should strongly urge you, gentlemen, not to consider the construction of a raft along the lines of the one which has been in use at the beach this past season. It should not be one of a temporary or portable nature, to be hauled out of the water at the end of each season, and placed back in again in the spring, at an expense of approximately \$500.00 a season.

Nor should the large raft include a chute for diving or sliding into the water; for the chute on the old raft was responsible, I believe for 75 per cent. of the wear and tear on bathing suits.

At Ocean Beach, New London, there is in use a raft which is never removed from the water. It has been in use for seven years, with practically no expense for repairs or upkeep. It is a sort of three-decker affair, provided with various apparatus for diving and other uses; cross-bars, trapeze, spring-boards, steps, flying rings, etc. A visit to Ocean Beach would, I believe, amply repay the Committee for time and expense incurred.

And while discussing a visit to Ocean Beach, I should suggest that the Committee extend its trip a bit farther, and go on to view the public bathing houses at Coney Island, New York. The plant at Coney Island is a principal institution; a nominal charge of 10 cents is made for all bathers over 12 years of age; the building is large enough to accommodate 10,000 bathers per day; the system in use there is the coop and check system which I urge so strongly for our own institution.

I should further suggest, on your return from your inspection of the Municipal Bath Houses at Coney Island that your Committee look over the laundry in use at the

Fort Phoenix Bath Houses with a view to installing a similar laundry in our own institution in the near future.

Mr. Chairman and Gentlemen of the Committee, I shall conclude my report with just another word or two. The changes, alterations, repairs, etc., which I have mapped out cannot be accomplished by simple acquiescence on your part. They will mean the expenditure of a considerable sum of money; a sum, I believe, in excess of twenty thousand dollars.

With the new system in use at the bath houses, I believe the actual operating expense can be reduced from eleven thousand dollars to approximately seven thousand dollars. Bear in mind, gentlemen, this is just actual operating expense. To finance all changes and additions to the plant, I should suggest a bond-issue in the nature of one for permanent improvements, for such expenditure does not come properly under the head of operating expenses.

I believe, gentlemen, with all these proposed changes accomplished, we shall have one of the finest beach resorts on the coast; that in point of actual physical benefit rendered the public, in the up-building of the health of the 60,000 people who avail themselves of what we have to offer, in the providing of good, clean, healthy sport for the younger generation, we shall be worthy rivals at one-tenth the expense of our beautiful public parks, for which this city appropriates approximately \$100,000 a year.

Respectfully submitted,

DAVID LUMIANSKY,

Superintendent.

Annual Report

OF THE

Superintendent of Public Buildings

ALSO

Inspector of Buildings

CITY OF NEW BEDFORD, MASS.

For the Year ending December 31, 1919.



NEW BEDFORD
THE A. E. COFFIN PRESS — COFFIN BUILDING
1920

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

March 25, 1920.

Received, ordered printed in City Documents, and
sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

March 25, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

REPORT OF THE Superintendent of Public Buildings

OFFICE OF SUPERINTENDENT OF PUBLIC BUILDINGS,
NEW BEDFORD, MASS., DEC. 31, 1919.

To his honor the Mayor and the City Council:

Gentlemen:—I have the honor to submit this report on the condition of public buildings under construction December 31, 1918, also the work preformed under my supervision up to and including December 31, 1919.

NEW CENTRAL POLICE STATION

This building, located on the lot bounded by Acushnet Avenue, Spring and Second Streets, which was unavoidably delayed in construction on account of the activities of the war was completed and accepted by the Committee on City Property June 19 of this year and immediately turned over to the custody of the Police Department.

The cost of land and buildings was as follows:

Cost of land, 91.91 rods.....	\$47,254.50
Cost of construction, including heating, plumbing, electrical work, grading, etc. (Henry T. Bul- man Corporation, contractors).....	145,500.00
Removing ledge and maintaining heat in build- ing during construction.....	1,243.00
Architect's fees (Louis E. Destremps, Architect)	5,092.50
Total	\$199,090.00

EMERY STREET SCHOOL

Plans and specifications for the new Emery street school at Clark's Point were completed by Frank Clifton Brown, Architect, during the month of June and presented to the Committee on City Property, who voted to call for bids for the immediate construction of the building.

Proposals were submitted in two groups—one for the sub-contracts—and one for the entire general contract.

Bids for the sub-contracts were received on the 16th of June. The lowest bidders for the various branches of the work being as follows:

Heating and ventilating—James N. Conway, New Bedford	\$30,716.00
Plumbing—Wood, Brightman & Co.....	8,735.00
Electrical—Potter & Earle, Fall River.....	7,267.97

The above firms and prices were selected by the Committee for the various work as mentioned and given to the general contractor to be embodied in their bid for the entire general contract.

On the 18th day of June bids were received for the entire general contract. The two lowest bidders being as follows:

Corrigan & Hoag Construction Co., Fall River, Mass.	\$261,497.00
George Howard & Sons Co., Brockton, Mass....	262,150.00

The Committee voted to recommend to the City Council that George Howard & Sons Co. be awarded the contract.

The Council adopted the recommendations of the Committee and voted to award the contract to the Howard firm.

Work was commenced the latter part of June and has progressed as rapidly as could be expected under the present uncertain building conditions.

OFFICE BUILDING OR REST HOUSE AT RURAL CEMETERY

In the month of July a contract was awarded to the F. E. Earle Co. (the lowest bidders) by our Cemetery Board for the erection of a Sexton's office building for the Sexton at Rural cemetery for the sum of \$6,166.00.

Plans and specifications were prepared by Nat C. Smith, Architect, and is nearly a duplicate in design of that erected in Oak Grove Cemetery in 1917.

A description of this building was given in my previous report.

RECONSTRUCTION OF OLD HIGH SCHOOL

In the month of August plans and specifications were completed and presented to the Committee on City Property by Nat. C. Smith, Architect, for the reconstruction of the old High School Building for purpose of a grammar school as requested by the School Board.

The Committee immediately voted to call for bids to be submitted in two groups—one for the sub-contracts and one for the entire general contract.

The bids for the sub-contracts were received on the 8th of September, the lowest bidders for each branch being as follows:

Heating—Wood, Brightman & Co., New Bedford	\$49,812.00
Plumbing—William D. Hamel, New Bedford...	14,047.70
Electrical—Ernest Howarth & Co., New Bedford	13,960.00

The above firms and prices were selected by the Committee and given to the general contractors to be included in their proposal for the entire general contract.

On the 10th of September bids were received by the Committee for the entire general contract, the lowest bid being as follows:

George Howard & Sons Co., Brockton, Mass. . . .	\$421,225.00
(The above firm also submitted a counter proposition that if the old building were to be razed completely and a new building erected in accordance with the plans and specifications to add the sum of.....	
	16,000.00

As the total amount exceeded the authorized bonded issue for this project (which was \$300,000) it was voted to refer the entire matter to next year's city government.

NEW MUNICIPAL HOSPITAL

A meeting of the Municipal Hospital Building Commission was held early in November, when it was voted to call for bids for the erection of the new Municipal Hospital on Jackson and Van Buren Streets from plans made by James S. McIntyre, Architect, of this city.

Bids were called for in two groups—one for the entire contract complete and one for the sub-contracts.

Bids for the sub-contracts were received on the 9th of December, the lowest being as follows:

Plumbing—M. A. Dame & Son Co., Lynn, Mass.	\$70,927.00
Electrical—Fred T. Ley Co., Springfield, Mass.	50,214.00
Engines, generators, etc.—Starkweather & Broadhurst Co., Boston, Mass.....	18,750.00
Painting—C. S. Oakes Co., Providence, R. I. . . .	26,000.00
Heating, etc.—All bids rejected—Architect directed to revise plans and specifications to include oil burning boilers in place of coal burning as first called for.	

The above bids were subsequently given the general contractors to be embodied in the total bid for the entire work which was submitted December 16, the lowest bid being as follows:

George Howard & Sons Co., Brockton Mass., entire contract (with the exception of the heating and ventilating which will be added later).....	\$1,057,790.00
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As the total lowest bid received exceeded the authorized bonded issue for this project it was voted to refer the entire matter to the next city government for action.

The cellar of this building (with sewer connection) was excavated by the City, the work being done by the returned soldiers and sailors from the world war. The cost of this work was approximately \$40,000.

PORTABLE SCHOOL BUILDINGS

At the request of the School Board for additional school facilities at the Lund's corner school district, our Committee on City Property called for bids for the erection of two portable schoolhouses to be set up on the Jireh Swift school-house grounds at Lund's corner, completely furnished and ready for occupancy.

On the 9th day of October a contract was awarded to the E. F. Hodson Co., of Boston, the lowest bidder, for the erection of these two buildings completely furnished for the sum of \$6,540.60.

These buildings were completed and accepted by the City Property Committee Nov. 21, and turned over to the custody of the school department.

In compliance with Section 146, of the revised ordinances, I hereby report the amount expended in alterations and repairs on public buildings during the year 1919, together with recommendations for necessary alterations and repairs to public buildings for the year 1920, as follows:

SCHOOLHOUSES.

Committee Rooms		
Building,	\$211.59	
Heating,	50.30	
Other Repairs,	7.07	
	<hr/>	\$268.96
New High School		
Building,	1,364.19	
Heating,	199.61	
Other repairs,	358.92	
Painting outside,	336.75	
Ventilator shaft,	425.00	
Water Heater,	500.00	
	<hr/>	3,184.47
Parker Street School		
Building,	268.11	
Heating,	141.17	
Other repairs,	175.60	
	<hr/>	584.88
Knowlton School		
Building,	67.94	
Heating,	76.05	
Other repairs,	175.34	
Painting outside,	488.95	
	<hr/>	808.28
Middle Street School		
Building,	23.40	
Heating,	38.06	
Other repairs,	6.59	
	<hr/>	68.05
A. F. Wood School		
Building,	42.87	
Heating,	36.00	
Furnace,	311.00	
	<hr/>	389.87
R. C. Ingraham School		
Building,	325.97	
Heating,	98.54	
Other repairs,	188.50	
Grates,	170.00	
	<hr/>	783.01
J. B. Congdon School		
Building,	384.89	
Heating,	55.00	
Other repairs,	3.15	
Painting outside,	362.55	
	<hr/>	805.59
J. H. Clifford School		
Building,	191.49	
Heating,	100.92	
Other repairs,	50.50	
	<hr/>	342.91

Donaghy School			
Building,	121.50		
Heating,	6.13		
Re-tubing boiler,	348.00		
			475.63
W. H. Taylor School			
Building,	\$134.12		
Heating,	105.94		
Other repairs,	10.10		
			250.16
Rodman School			
Building,	242.36		
Heating,	2.73		
Other repairs,	30.55		
			275.64
Jireh Swift School			
Building,	223.01		
Other repairs,	49.15		
			272.16
Abraham Lincoln School			
Building,	301.97		
Heating,	22.22		
Other repairs,	60.70		
			384.89
Winslow School			
Building,	260.16		
Heating,	1.50		
Other repairs,	112.55		
Granolithic walk,	347.27		
			721.48
Katharine Street School			
Building,	264.37		
Heating,	2.73		
Other repairs,	116.38		
Screenings,	123.63		
			507.11
Phillips Avenue School			
Building,	339.53		
Heating,	2.73		
			342.26
Cedar Grove Street School			
Building,	355.22		
Heating,	55.60		
Other repairs,	2.50		
			413.32
Clark Street School			
Building,	144.25		
Heating,	7.71		
Other repairs,	76.00		
Painting Portable,	87.65		
			315.61

Merrimac Street School		
Building,	237.54	
Heating,	26.65	
	<hr/>	264.19
Mary B. White School		
Building,	94.35	
Heating,	141.75	
Other repairs,	.60	
	<hr/>	236.70
H. A. Kempton School		
Building,	604.95	
Heating,	75.65	
Other repairs	24.94	
	<hr/>	705.54
Cedar Street School		
Building,	92.57	
Heating ,	1.37	
	<hr/>	93.94
Harrington School		
Building,	164.51	
Heating,	2.73	
Other repairs,	10.78	
	<hr/>	178.02
S. A. Howland School		
Building,	50.84	
Heating,	66.39	
Other repairs,	26.95	
	<hr/>	144.18
T. A. Greene School		
Building,	42.61	
Heating,	5.12	
	<hr/>	47.73
Acushnet Avenue School		
Building,	135.15	
Heating,	2.73	
Other repairs,	1.30	
	<hr/>	139.18
Thompson Street School		
Building,	258.11	
Heating,	35.25	
Other repairs,	11.00	
	<hr/>	304.36
Benjamin School		
Building,	173.92	
Heating,	2.73	
Other repairs,	13.65	
	<hr/>	190.30
Dartmouth St. School		
Building,	223.30	
	<hr/>	223.30

Dunbar School		
Building,	149.31	
Heating,	14.18	
Other repairs,	57.00	
	<hr/>	220.49
Ottiwell School		
Building,	41.11	
Heating,	1.30	
Other repairs,	5.00	
	<hr/>	47.41
Plainville School		
Building,	17.45	
Heating,	32.21	
Other repairs,	4.00	
	<hr/>	53.66
Rockdale School		
Building,	14.70	
	<hr/>	14.70
Sassaquin School		
Building,	30.50	
Heating,	4.40	
	<hr/>	34.90
Grand total,		<hr/> \$14,092.88

MISCELLANEOUS

FIRE STATIONS

Central Fire Station		
Mason work,	\$102.80	
Plumbing repairs,	35.05	
	<hr/>	\$137.85
No. 4 Station		
Repairing heating apparatus,	185.93	
	<hr/>	185.93
No. 6 Station		
Plumbing repairs,	15.34	
	<hr/>	15.34

POLICE STATIONS:

Central Police Station		
Retaining wall,	\$629.86	
Iron railing,	170.08	
Repairing floor,	104.87	
Clearing drain,	73.33	
New catch basin,	54.10	
	<hr/>	1,032.24
Kempton St. Station		
Repairing gutters,	51.62	
	<hr/>	51.62

ALMSHOUSE

Plumbing repairs,	\$197.63	
Plastering,	40.70	
Carpenter work,	85.42	
Electric work,	154.63	
Back stop—Lot No. 13,	100.76	
	<hr/>	614.03

BATHING HOUSES

Repairing raft,	\$287.18	
Plumbing,	83.14	
	<hr/>	370.32

CITY STABLES

Repairing roofs of various build-		
ings,	\$288.10	
Plumbing work,	215.67	
	<hr/>	503.77

OAK GROVE CEMETERY

New garage,	\$3,199.54	
	<hr/>	3,199.54

RURAL CEMETERY

Sexton's office and waiting room,	8,265.62	
	<hr/>	8,265.62

ISOLATION HOSPITAL

Carpenter work,	\$170.88	
Boiler repairs,	34.57	
	<hr/>	205.45

PUBLIC LIBRARY

Painting,	\$174.00	
Carpenter work,	35.65	
	<hr/>	209.65

RIFLE RANGE

Additional targets, carpenter		
work, etc.,	\$836.77	
	<hr/>	836.77

MUNICIPAL BUILDING

Boiler repairs,	\$472.56	
Plumbing repairs,	134.17	
Mason work,	190.20	
Repairs to roof,	311.38	
Painting clerk of committees room,	173.20	
Carpentry work,	101.37	
Repairs to elevator,	22.38	
Painting flag pole,	60.00	
	<hr/>	\$1,466.26

Total,	<hr/>	\$17,094.39
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In compliance with Section 146 of the revised ordinances, I hereby submit recommendations for necessary alterations and repairs to public buildings for the year 1920, as follows:

High School	
Painting cornice,	\$200.00
Repairing roof,	1,000.00
Painting and repairing walls in rooms,	500.00
Painting and repairing walls in corridors,	200.00
Parker St. School	
New floor class-room	300.00
Ordinary repairs	300.00
H. M. Knowlton School	
Ordinary repairs,	300.00
Electric wiring in hall,	500.00
Painting portable,	125.00
Metal ceilings,	450.00
Middle St. School	
Electric lighting,	500.00
Ordinary repairs,	200.00
Allen F. Wood School	
Ordinary repairs,	300.00
Slate blackboards,	300.00
R. C. Ingraham School	
Electric wiring in hall,	500.00
Ordinary repairs,	300.00
J. B. Congdon School	
Ordinary repairs,	300.00
Roof,	
John H. Clifford School	
Wiring in hall,	500.00
Ordinary repairs,	300.00
Thos. Donaghy School	
Ordinary repairs	300.00
Wm. H. Taylor School	
Ordinary repairs,	300.00
Granolithic walks on street,	
Thos. R. Rodman School	
Painting outside,	250.00
Painting inside walls,	300.00
Varnishing inside wood-work,	300.00
Ordinary repairs,	200.00
Water proof walls,	

Jireh Swift School	
New basement doors,	100.00
Painting outside,	250.00
Ordinary repairs,	300.00
Abraham Lincoln School	
Driveway paved,	1,500.00
Inside wall painted,	500.00
Inside wood-work varnished,	500.00
Roof repaired,	300.00
Heating plant,	8,000.00
B. B. Winslow School	
Ordinary repairs,	300.00
Lawns,	300.00
Katharine St. School	
Granolithic walks on street,	1,000.00
Lawn graded and seeded,	
Ordinary repairs,	300.00
Phillips Ave. School.	
Painting portables,	375.00
Ordinary repairs,	200.00
Granolithic walks in yard,	500.00
Cedar Grove St. School	
Ordinary repairs,	300.00
Clark St. School	
Ordinary repairs,	300.00
Merrimac St. School	
Ordinary repairs,	250.00
Mary B. White School	
Ordinary repairs,	250.00
H. A. Kempton School	
Ordinary repairs,	300.00
Cedar St. School	
New fence and ordinary repairs,	500.00
Harrington Memorial School	
Ordinary repairs	300.00
S. A. Howland School	
Ordinary repairs,	300.00
Painting portable,	125.00
Thos. A. Greene School	
Ordinary repairs,	300.00

Acushnet Ave. School	
Ordinary repairs,	300.00
Painting portable,	125.00
Thompson St. School	
Painting outside,	300.00
Ordinary repairs,	300.00
Isaac W. Benjamin School	
Ordinary repairs—painting walls in upper room,	500.00
Dartmouth St. School	
Ordinary repairs—painting walls in rooms,	300.00
Geo. H. Dunbar School	
Ordinary repairs,	300.00
Sarah D. Ottiwell School	
Grade yard and screenings,	2,500.00
Ordinary repairs,	200.00
Sassaquin Open Air School	
Painting building,	150.00
Rockdale School	
Ordinary repairs,	150.00
Plainville School	
Ordinary repairs,	100.00
School Committee Room	
Alterations,	1,500.00
Ordinary repairs,	150.00
Total,	<hr/> \$32,950.00

SCHOOL BUILDINGS.

Name of School	Location.	Year built, enlarged or remodelled	Material	No. stories	No. rooms	Roads of	Valuation of land	Valuation of building	Total
Middle street	Summer and Middle streets	1844	Brick	3	9†	117.26	\$10,000	\$25,000	\$35,000
Plainville	Plainville road	1846	Wood	1	1	42.91	100	1,000	1,100
North	County road near North line	1852-1891	Wood	1	2	60.00	200	1,800	2,000
Parker street	Parker street	1852-1874-1902	Brick	2	12†	140.87	7,700	52,000	59,700
Cedar street	Cedar and Maxfield streets	1855	Wood	2	6	34.39	1,700	5,300	7,000
Dartmouth street	Dartmouth and Hickory streets	1855-1890	Wood	2	8	60.16	3,500	13,000	17,000
Rockdale	Dartmouth road	1855	Wood	1	2	50.94	100	1,000	1,100
Merrimac street	Merrimac and State streets	1857	Brick	2	6	60.45	3,300	15,000	18,300
Fifth street	Fifth and Russell streets	1860-1876	Brick	3	10†	65.54	6,000	30,000	36,000
High	Summer street	1876	Brick	3	10†	133.88	11,000	100,000	111,000
Acushnet avenue,	Acushnet Avenue near Grinnell	1878-1894	Brick	2	10	82.85	6,000	44,000	50,000
Mary B. White	Maxfield and Pleasant streets	1881	Brick	2	4	31.37	4,300	21,000	25,300
Cedar Grove street	Cedar Grove street	1883-1892	Brick	2	15	118.75	5,000	31,000	36,000
Thompson street	Thompson street	1885	Brick	2	10	80.00	4,300	33,500	37,800
Harrington	Court street	1889-1900	Brick	3	11†	180.13	5,000	50,000	55,000
I. W. Benjamin	Division street	1891	Brick	2	12	110.74	6,000	28,000	34,000
Sylvia Ann Howland	Pleasant and High streets	1893-1901	Brick	2	7	51.80	9,500	55,000	65,100
Thomas A. Greene	Fourth and Madison streets	1894	Brick	2	10	63.58	5,200	53,000	58,200
Clark street	Clark street	1896	Brick	2	8	119.54	3,500	37,000	40,500
George H. Dunbar	Dunbar and Dartmouth streets	1897	Brick	2	8	118.08	2,700	40,000	42,700
Phillips avenue	Phillips avenue	1898-1910	Brick	2	12†	352.64	12,475	76,000	88,475
William H. Taylor	Brock avenue	1901	Brick	3	12†	210.60	12,636	71,600	84,236
John H. Clifford	Coggeshall and Bowditch streets	1901	Brick	3	12†	196.11	12,000	70,000	82,000
Robert C. Ingraham	Blackmer street	1901	Brick	3	12†	142.30	4,680	43,000	47,680
Horatio A. Kenpton	Shawmut avenue	1901	Brick	2	8	19.31	23,500	63,004	86,504
Thomas D. Donaghy	South street	1905	Brick	2	12	19.31	11,750	95,661	107,411
Hosea M. Knowlton	County and Coggeshall streets	1906	Brick	3	16†	432.09	13,488	103,001	116,488
James B. Congdon	Hemlock and Thompson streets	1908	Brick	3	16†	209.29	4,978	76,824	81,802
Thomas R. Rodman	Rockdale avenue and Mill streets	1908	Brick	3	10†	124.45	1,700	80,710	82,410
Jireh Swift	Acushnet avenue near Lunds corner	1909	Brick	3	10†	124.80	1,700	128,000	129,700
Abraham Lincoln	Bowditch street, north Belleville road	1911	Brick	3	20†	696.82	17,700		
Twenty-two portable schools	In various school yards* and one at Sassa- quin Sanitarium	1903-1919	Wood	1	1				43,025
Betsey B. Winslow	Allen and Brown streets	1912	Brick	3	12†	893.09	25,712	122,741	148,451
New High School	County, head of William street	1912	Brick	3	48†	401.60	60,001	509,369	569,370
Katherine street	Katherine & Bonney streets	1914	Brick	2	20†	411.97	12,233	167,081	179,314
Sarah D. Ottwell	Hathaway & Diman streets	1918	Terra Cotta	1	15†	378.12	17,586	166,953	184,539

\$2,818,705

† Assembly hall

FIRE STATIONS

Number of Station	Location	Year Built or Enlarged or Remodeled	Material	No. Stories.	Rods of Land.	Valuation of		Totals.
						Land	Buildings	
No. 9	Acushnet av. nr. Lunds corner	1861	Wood	2	8.81	\$200	\$2,300	\$2,500
No. 4	Sixth and Bedford streets	1866	Brick	2	20.09	1,925	25,000	26,925
		1897 1918						
No. 1	*Purchase and Franklin streets	1871	Brick	2	26.68	1,500	12,000	13,500
No. 6	Fourth st., nr. Potomska st.	1882	Brick	2	28.28	1,500	14,000	15,500
No. 7	Durfee street	1890	Brick	2	37.36	1,500	20,000	21,500
No. 5	County and Hillman streets	1892	Brick	2	23.85	3,300	20,000	23,300
No. 8	Acushnet av. and Davis street	1894	Brick	2	47.00	2,600	24,000	26,600
No. 3	Kempton and Reed streets	1906	Brick	2	35.16	2,300	21,882	24,182
No. 11	Brock av. and Mott street	1908	Brick	2	44.91	1,571	17,840	19,411
No. 10	Purchase and Cedar Grove sts.	1909	Brick	2	Part water works lot		21,963	21,963
No. 2	Pleasant and North streets	1917	Brick	3	44.62	16,000	121,990	137,990
								\$333,371

* Now used as department repair shop.

OTHER PUBLIC BUILDINGS.

Name	Location	Year Built and Remodelled	Material	No. Stories	Rods of Land	Valuation of Land	Valuation of Building	Total
*Free Public Library	William and Pleasant Sts.	1907-1910	Stone	3	87.39	\$125,000	\$275,000	\$400,000
†Municipal Building	William and Pleasant sts.	1912	Brick	3	92.74	138,864	336,000	474,864
Almshouse Property	Clark's Point	1842	Stone-Wood	3	77 acres	46,000	54,000	110,000
City Stables	Ash Street	1877	Brick	1 & 2	456.93	8,400	57,000	65,400
Pumping Station and Lot	Purchase street	1866-1870	Stone	1	640	24,000	25,000	49,000
School Committee Headquarters	William street	1846	Wood	2	24.61	5,000	4,700	9,700
Veteran Firemen's Headquarters	High and Foster sts.	1846	Wood	2	9.83	1,000	1,300	2,300
Ward Room	Purchase street	1835	Wood	1	3.82	500	650	1,150
Water Works,	Lakeville	1895-1900	Brick-Wood	2		136,000	41,200	136,000
Isolation Hospital	City Farm	1904	Wood			41,200		50,000
Miscel. Building on City Parks,								
City Wharves, Cemeteries, etc.,	Lunds Corner	1889	Wood	2	84	4,500	5,500	10,000
Old Lunds Corner Schoolhouse	Cove road	1913	Brick	1	city's shore property			
Sewage Pumping Station	West French avenue	1914	Brick	1	city's shore property		14,180	14,180
Power and Screen house								
Public Bath Houses	West French avenue	1916	Concrete and Wood	1	Shore at Hazelwood Park		31,864	31,864
Sewage Pumping Station	Belleville avenue	1917	Concrete and Brick	1	Public St.		52,975	52,975
Water Works—Repair Shop	No. Water street	1890-1917	Concrete	1 & 2	310.23	21,125	23,157	23,157
Range House	City's Rifle Range	1918	Concrete and Wood	1		20,000	2,100	41,125
								2,100
								1,506,015

* Formerly City Hall—Erected in 1838-1839.

† Easterly part formerly Free Public Library Building—erected in 1856.

Inspector of Buildings Report.

OFFICE SUPERINTENDENT OF PUBLIC BUILDINGS.

BUILDING STATISTICS FOR 1919.

Total number of permits granted during the past year for new buildings and alterations and repairs was 762, at an estimated cost of \$7,005,420.00. Classified as follows :

	Permits	Estimated Cost
New dwellings (including stores and dwellings combined)	269	\$1,378,400.00
New buildings and additions for manufacturing purposes	43	3,925,137.00
Building for banking purposes.....	1	100,000.00
Building for theatrical purposes.....	1	125,000.00
Buildings for store purposes.....	39	363,437.00
Garages	258	443,290.00
Alterations and repairs.....	104	294,250.00
Miscellaneous.....	47	73,090.00
	762	\$6,702,604.00

CITY BUILDINGS

Emery Street Schoolhouse.....	\$ 262,150.00
Two portable Schoolhouses.....	6,500.00
Sexton's house (Rural Cemetery)	6,166.00
Alterations and repairs to schoolhouses and other city buildings	28,000.00
	302,816.00

Total..... \$7,005,420.00

Number of new tenements added 396

DWELLINGS ERECTED BY WARDS.

One	Two	Three	Four	Five	Six
170	26	4	1	18	39

CLASSIFICATION OF DWELLINGS ERECTED

One family houses	148
Two " "	118
Three " "	2
Four " "	1

STATISTICS FOR YEAR 1918

Number of permits	Estimated cost.	New dwellings added
352	\$976,714	83

STATISTICS OF PREVIOUS YEARS.

	No. Permits	Estimated Cost	No. Dwellings Erected	No. Tenements Added
1893	340	\$1,800,000	151	322
1894	369	795,860	144	361
1895	554	1,301,871	201	527
1896	794	1,687,396	378	920
1897	797	1,357,395	310	699
1898	415	490,647	81	122
1899	424	708,245	79	124
1900	402	755,401	68	102
1901	416	1,099,102	161	235
1902	470	1,968,840	164	354
1903	608	1,984,871	252	578
1904	541	1,575,552	210	447
1905	648	1,506,275	293	645
1906	672	2,450,500	296	649
1907	682	2,256,000	278	721
1908	774	2,872,300	411	1,083
1909	986	6,267,650	550	1,473
1910	1179	7,037,337	639	1,812
1911	950	2,661,063	485	1,117
1912	940	2,400,050	379	896
1913	1245	3,067,700	425	820
1914	1062	3,039,736	406	808
1915	1012	3,126,734	383	699
1916	949	4,762,081	356	662
1917	384	3,054,211	98	128
1918	352	976,714	83	101
1919	762	7,005,420	269	396
	18,757	\$67,537,025	7,550	16,801

INSPECTIONS BY THIS DEPARTMENT.

Table showing number of inspections made each month.

	New Buildings	Additions Alterations	Special	Totals
January.....	296	110	8	414
February.....	374	130	10	514
March.....	479	164	7	650
April.....	439	158	15	612
May.....	475	116	9	600
June.....	488	178	17	683
July.....	362	165	5	532
August.....	474	192	12	678
September.....	636	337	17	990
October.....	412	139	8	559
November.....	699	137	12	848
December.....	613	144	6	763
Totals.....	5,747	1,970	126	7,843

VIOLATIONS REPORTED AND CORRECTED.

Building without permit.....	16
Dangerous buildings.....	8
Dangerous chimneys.....	10
Defective construction.....	32
Lathing without notification.....	17
Omission of fire stops.....	5
Miscellaneous.....	18
Total.....	106

GARAGE ORDINANCE.

A new Garage Ordinance, taking effect January 1, 1920, was passed by the City Council during the month of December, a copy of which follows:

Under this new garage law the Inspector of Buildings shall furnish a plan to the Board of Aldermen, drawn to scale, showing the ground, size and shape of the building, the location of the building with relation to the street, its location upon the lot on which it is now located, or is to be built, the structures on this land and the several adjoining lots, and the names of the owners of the several lots included in the plan.

A fee of five dollars shall be collected by the Inspector to cover the cost of preparing said plans, said fee to be turned into the City Treasury forthwith.

CITY OF NEW BEDFORD

In the Year One Thousand Nine
Hundred Nineteen.

AN ORDINANCE

Regarding the Erection or Conversion of a Building for Use
as a Garage.

Be it ordained by the City Council of New Bedford as follows:

SECTION 1. No building shall be erected or converted for use as a Garage within the limits of the City of New Bedford until a petition, signed by the owner thereof, or his agent, has been granted and approved by the Mayor and Aldermen and a permit therefor has been issued by the City Clerk; and such grant and approval shall be subject to compliance by the owner thereof, or his agent, with all the requirements of the building laws and ordinances of the city.

SECTION 2. Every petition for the erection or conversion of a building for use as a Garage within the limits of the City of New Bedford shall be filed in the office of the Inspector of Buildings. Under the direction of the Inspector of Buildings a plan shall be drawn to scale, showing the ground, size and shape of the building, the location of the building with relation to the street, its location upon the lot on which it is now located or is to be built, the structures on this and the several adjoining lots, and the names of the owners of all the several lots of land included in the plan.

SECTION 3. The Inspector of Buildings and the Chief of the Fire Department shall investigate and report, in writing, to the Mayor and Aldermen, whether or not, in their judgment, the location of the Garage, as petitioned for, is consistent with public interests and welfare; they may recommend any change which in the opinion of either of them will better serve the public interest or welfare, clearly noting and indicating such changes on the plan referred to in Section 2.

SECTION 4. The petition, report of the Inspector of Buildings and the report of the Chief of the Fire Department, accompanied by the plan hitherto referred to, and by one blue print copy of said plan, shall be filed by the Inspector of Buildings in the office of the City Clerk, and the City Clerk shall submit the same to the Mayor and Aldermen at the next meeting of said Board following such filing. Upon the action of the Mayor and Aldermen on said petition, the City Clerk shall issue a permit in accordance with such action, accompanying same by the blue print copy of the plan herein mentioned, or shall notify the petitioner of the refusal of the Mayor and Aldermen to grant said petition, as the case may be.

SECTION 5. The Inspector of Buildings, at the time of filing in his office of any petition for the erection or conversion of a building to be used as a Garage, shall collect a fee of Five Dollars to cover the cost of preparing plans, inspection and clerical service, which said fee shall be turned into the City Treasury forthwith.

SECTION 6. Any permit issued under the provisions of this ordinance shall not in any way relieve the owner of any buildings to be erected or converted for use as Garage, or his agent, from securing a permit from the Superintendent of Buildings as required by the building code and set forth particularly in sections 141 to 162 of the Ordinances of 1916, or any amendment thereof.

SECTION 7. This ordinance shall take effect on the first day of January, in the year 1920.

IN BOARD OF ALDERMEN,

Dec. 10, 1919.

Passed to be ordained,

CHAS. S. ASHLEY, Mayor.

IN COMMON COUNCIL,

Dec. 11, 1919.

Passed to be ordained,

FRANK A. McNULTY, President.

Presented to and approved by the Mayor, Dec. 12, 1919.

A true copy. Attest:

W. H. B. REMINGTON, City Clerk.

ELEVATOR INSPECTION

In accordance with Chapter 806, Acts of 1913, it shall be the duty of the Inspector of Buildings in every city of the Commonwealth to inspect all elevators in their respective cities annually, and a practical test of the safety devices and other requirements coming under this act, the Inspector to make a detailed report thereof to the Chief of the Massachusetts District Police upon forms furnished by him, and a complete record of each inspection to be kept by such Inspector; said Inspector also to issue licenses to all passenger operators after a thorough examination as to their fitness, etc. In compliance with the above law 268 freight and 27 passenger elevators were inspected by this department during the year. A record filed of each elevator inspected and a notification sent to the owners of the changes necessary to be made to comply with the law.

INSPECTION OF STREET SIGNS

As required by Section 16, Chapter 22, of the City Ordinances, 65 applications for permission to maintain signs extending over the public highway were forwarded to this office by the City Clerk during the year for inspection as to their method of fastening to their supporting surface, height of same and distance extending over sidewalk. Many were found to be existing contrary to law, the owner being notified of the requirements necessary to comply with the law. This required in many instances several inspections of one application.

CONCLUSION

In conclusion, I wish to express my appreciation and thanks to the Mayor and the various committees of the City Council for their cordial co-operation in all matters pertaining to the work of this department.

Respectfully submitted,

JOSEPH L. GIBBS,
Supt. Public Buildings,
Inspector of Buildings.

Twenty-Fifth Annual Report

OF THE

Board of Cemetery Commissioners

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year Ending November 30,
1919



NEW BEDFORD, MASS.
A. E. COFFIN PRESS — PRINTERS
1920.

CEMETERY BOARD.

WILLIAM M. HIGHAM, Chairman.

JOHN G. NICHOLSON.

CHARLES H. VINAL, Secretary.

CLERK OF THE BOARD.

PARDON A. MACOMBER.

ASSISTANT CLERK OF THE BOARD

MISS IVAH M. HUNT.

OFFICE ASSISTANT

MISS BERENICE E. DYER

CEMETERIES.

RURAL. SEXTON, NELSON L. PIKE.

OAK GROVE. . . SEXTON, EDMUND M. CORNELL.

PINE GROVE.

GRIFFIN STREET.

ASSISTANT SUPERINTENDENT

HURLBERT E. THOMAS

CITY OF NEW BEDFORD,
OFFICE OF THE CEMETERY BOARD.

New Bedford, December 1, 1919.

*To the Mayor and City Council,
of the City of New Bedford, Mass.*

GENTLEMEN :—

As required by the City Ordinances, the Cemetery Commissioners herewith present their report of work performed, condition of the grounds, receipts and expenditures for the year ending November 30, 1919.

CHARLES H. VINAL
Secretary.

FINANCIAL STATEMENT.

FOR THE YEAR ENDING NOVEMBER 30, 1919.

DR.

Annual appropriation, February 27, 1919.....	\$ 25,000.00
Receipts, labor to December 1, 1918.....	14,143.51
Receipts, labor on Perpetual Care lots, 1918.....	7,675.30
	<hr/>
	\$46,818.81

CR.

Expenditures, general.....	\$ 46,722.79
Transferred to unappropriated funds, (see City Auditor's balance).....	\$ 96.02
	<hr/>
	\$46,818.81

SALES OF LOTS.

DR.

Balance, old account.....	\$10,421.05
Receipts, Sales of Lots, to December 1, 1919.....	12,591.63
	<hr/>
	\$23,012.68

CR.

Expenditures, embellishment and improvement....	\$16,883.53
Balance, to new account.....	6,129.15
	<hr/>
	\$23,012.68

CLASSIFIED STATEMENT OF EXPENDITURES.

RURAL CEMETERY.

General labor account.....	\$8,296.52
Distribution account.....	4,624.30
Interments.....	1,954.61
New office building.....	1,618.12
Supplies, tools.....	455.70
“ , fertilizer, seed, sod, &c.....	199.60
“ , cement, sand, brick, &c.....	979.21
“ , general.....	442.03
Water.....	44.89
Avenues.....	293.12
Pension.....	349.44
New Drain.....	801.50
New land, extension account.....	6,604.25
Repairs on sexton's house.....	40.49
	<hr/> \$26,703.78

OAK GROVE CEMETERY.

General labor account.....	\$6,283.77
Distribution account.....	2,281.13
Interments.....	1,131.73
Supplies, tools.....	183.13
“ , fertilizer, seed, sod, &c.....	191.54
“ , cement, sand, brick, &c.....	603.53
“ , general.....	434.70
Water.....	75.44
Avenues.....	876.56
New office building.....	37.35
Repairs on sexton's house.....	276.52
New Boiler in greenhouse.....	1,042.43
Garage.....	2,971.85
	<hr/> \$16,389.68

PINE GROVE CEMETERY.

General labor account.....	\$2,154.38
Distribution account.....	1,513.09
Interments.....	520.80
Supplies, tools.....	85.10
“ , fertilizer, seed, sod, &c.....	61.85
“ , cement, sand, brick, &c.....	69.10
“ , general.....	164.75
Avenues.....	27.61
Water.....	7.99
New land, extension account.....	376.91
	<hr/> \$4,981.58

GRIFFIN STREET CEMETERY

General labor account.....	\$ 380.10
Sundries.....	6.03
	<hr/> \$ 386.13

CEMETERY REPORT.

GREENHOUSE

General labor account.....	\$3,252.45	
Maintenance, stock and supplies.....	952.93	
	<hr/>	\$4,205.38

TELEPHONES

Bell Telephones.....	\$120.36	
Automatic telephone (Pine Grove, Oak Grove cemetery and office).....	107.00	
	<hr/>	\$227.36

SALARIES

Acting Superintendent.....	\$1,870.64	
Office	3,328.00	
Sexton, Rural Cemetery.....	1,521.00	
“ , Oak Grove Cemetery.....	1,297.00	
	<hr/>	\$8,016.64

SUNDRIES

Office Supplies.....	\$481.34
Automobiles	788.81
Accident account.....	403.30
United States Service, enlisted men payments	660.05
Annual Report.....	82.00
Soldiers and Sailors Graves	211.85

Respectfully submitted,

IVAH M. HUNT, *Assistant Clerk.*

Report of Cemetery Commissioners.

The work done has been chiefly that of repairs and maintenance, re-paving gutters where badly washed, also much work has been done in re-gravelling avenues, lining out of paths, re-turfing, re-grading and maintaining the general upkeep of the grounds.

Nearly fifty thousand square feet of new land has been dug over in Rural Cemetery and should now be graded and lots prepared for sale as the supply of small lots in this cemetery is running low, and our sales are fully up to those of previous years.

In Pine Grove Cemetery, three and one-half acres of land already dug over should be graded; new avenues should be built in connection with this section and lots prepared for sale.

The expenditures for labor have largely increased over those of previous years and the average number of men employed was fifty.

The increased demand for higher wages and the scarcity of skilled labor will unquestionably require a much larger appropriation for the needs of the department the coming season, as competent labor required for this work will demand no less than \$4.00 per day.

The perpetual care fund has been increased Fourteen thousand nine hundred twenty-five dollars (\$14,925.00), making the total amount of Two hundred forty-seven thousand nine hundred forty-four dollars (\$247,944.00).

We are happy to say that many of the owners of older lots have availed themselves of the advantages of the perpetual care fund during the year.

The number of interments during the past year has been seven hundred and ninety-two.

In Oak Grove Cemetery, a new three car garage has been built, with heater installed, new boilers were placed in the greenhouses, and there is now being constructed in Rural Cemetery, a new office building and waiting room. This building will be available for the holding of services when required at the grounds.

The city property committee have recently purchased a strip of land indenting Rural Cemetery on the north side; when this is turned over to this department for cemetery use, it will enable us to straighten the north line of these grounds, provide a location for the removal of the toolhouse and other buildings, and thus place the operating sections and store room in a remoter part of the cemetery; much to the improvement of this part of the grounds.

The constantly increasing area of improved lots by the filling in and grading of the many low tracts of land formerly used for storage and dumping purposes of which there is a number of acres call for additional funds for care and maintenance, and nothing but the strictest economy enables your commissioners to make both ends meet.

A summary of the work performed in the several cemeteries is given in the Assistant Superintendent's report, which, together with the cost of maintaining the high standard of care of last year, will give some idea of the regid economy practiced by your commissioners-

Respectfully submitted,

Commissioners	{	WILLIAM M. HIGHAM, <i>Chairman</i> ,
		JOHN G. NICHOLSON,
		CHARLES H. VINAL, <i>Secretary</i> .

REPORT OF ASSISTANT SUPERINTENDENT.

To the Cemetery Board,
City of New Bedford.

Gentlemen :—

I herewith submit my annual report of the Cemetery Department, with a review of the work performed under my supervision, together with such suggestions as seem to me suitable for the city and this department.

The work in the cemeteries materially increases from year to year, as this department has found it necessary to increase its territory, improve its operating methods by adding modern facilities, the promotion of the perpetual care system, and the training of its employees along the lines of modern cemetery practices.

The acquisition of the territory bordering the west boundary of Rural Cemetery from Matthew Street along the line of Rockdale Avenue to the interception of the Winterville Road, is a valuable asset to these grounds, inasmuch as the lots in this section of the cemetery when developed will forever be protected from back yard influences.

I would suggest that the board continue its efforts to obtain the few lots still bordering the west line north of the Winterville Road.

Two new sections have been prepared for sale in Rural Cemetery, thus adding one hundred and fifteen lots for the public to select from in these grounds.

The demand for new lots has not diminished since the period of the influenza epidemic and your department has been constantly employed in keeping pace with this ever increasing demand.

I am still of the opinion that it is most advisable to provide an enclosure for the south boundary of Rural Cemetery on Matthew Street as this is the farthest from the sexton's quarters, and damage might be done without knowledge of the author. The length of this exposed border is 668 feet.

The 12 inch drain referred to in my last report should also be built to provide an outlet for surface water which accumulates in large quantities in the west section of Rural Cemetery in the spring of the year. Some catch basins should also be constructed in connection with this drain. Approximately eight hundred fifty feet of drain is required.

The provision of a new waiting room and office in Rural Cemetery has met a much needed requirement. The sexton's house should receive much needed repairs.

I would recommend that the toolhouse, yard and storage building be early removed from their present location to the land recently acquired. This would much improve the appearance of this section of the grounds which is near the entrance.

It is quite necessary that the fence enclosure to the old section of Oak Grove Cemetery be re-built. Much of the timber is rotted and unfit to repair. The board are well aware of its condition and will give to it early attention without further reference from me.

The three car garage built this year adjacent to this cemetery has met a much needed want, and eliminates the expense of hiring quarters for department cars.

The greenhouses should be painted this year to preserve their good condition.

The shortage of skilled labor and the limited appropriation to this department would not admit the re-building of the north wall to Oak Grove Cemetery.

It consists now of a line of old stone wall which simply defines the cemetery boundary, but in appearance is no attractive enclosure. It should be replaced by a face wall and covers a lineal measure of seven hundred feet.

Your executive department has had little opportunity to accomplish any improvement work in Pine Grove Cemetery this year. Pressure should be brought to bear on some early action being taken by the City Council to make a special appropriation for the development of these grounds. First, because there is a constantly increasing demand for new lots from this rapidly growing section of the city, and then again because the lots are being so rapidly taken up in the older cemeteries of the city that lots in Pine Grove Cemetery will soon be in popular demand.

For the past few years it has been necessary to to require all burials in the public ground to be made here.

Three and one half acres already dug over should be graded and lots prepared for sale, but there should also be avenues constructed as access to these lots.

A new receiving tomb is much needed here, and later an office and waiting room should be built, a small toolhouse being the only shelter in these grounds,

I trust that as many as possible of the above suggestions I have made will meet the approval of the board and that the necessary provision will be made for their acquirement.

I herewith submit a summary of the work accomplished by this department under your direction.

Respectfully submitted,

HURLBERT E. THOMAS,

Assistant Superintendent.

Summary of Work done in 1919.

	Rural	Oak Grove	Pine Grove
Sq. ft. land dug over.....	48,900	.....	.....
Sq. ft. land graded.....	15,000	.....	.....
Sq. ft. land rough graded.....	17,160	.....	.....
Sq. ft. land seeded.....	35,000	.....	.....
Lineal ft. borders trimmed.....	39,600	1,500	550
Cu. ft. ledge stone removed.....	.....	.....	5,544
Foundations for tablets and markers...	134	96	49
Foundations for mounuments.....	35	20	4
Foundations re-built.....	6	3	2
Corner posts set in lots.....	24	26	.....
Lots numbered.....	.....	688	115
Grave numbers set in Public Ground ..	.....	.....	100
Shrubs set out.....	.....	16	.....
Flower and shrub beds.....	25	44	20
Neglected graves fitted.....	16	6	5
Neglected headstones fitted.....	5	24	.....
Lots fitted.....	7	.....	.....
Bodies entombed in 1919.....	14	13	6
Bodies remaining in tomb.....	1	1	2
Bodies disinterred in 1919.....	20	14	11
Interments made in lots 1919.....	275	173	47
Interments made in graves 1919.....	7	4	57
Interments made in public ground .....	.....	.....	227
Interments made in Soldiers' and Sailors' lot	7	.....	.....
Total interments, 1919.....	284	177	331
Lots sold in 1919.....	46	29	32
Graves sold in 1919.....	10	.....	60
Prepared lots unsold.....	63	210	199
Value of lots unsold.....	\$10,140	\$43,625	\$24,815
Graves unsold.....	.....	.....	264
Value of graves unsold.....	.....	.....	\$3,960
Graves fitted.....	110	35	7
Brick graves built.....	63	13	3
No. of stones cleaned.....	61	45	11
No. of monuments cleaned.....	5	4	2
Lots in annual care.....	777	547	87
Lots in perpetual care *.....	994	760	56
Trees removed.....	6	2	.....
Trees trimmed and pruned.....	148	200	.....
No. of ft. water main laid to garage....	.....	108	.....

*St. John's, 10. Peckham West, 20. St. Mary's, 69.
 Cong. Church 19. Friends, 25. Griffin Street, 1.
 Private cemetery on Braley Rd. 1.

The greenhouses have contributed abundantly to the entire supply of the numerous flower beds and borders in the several grounds. Many standard vases and beds on private lots for which special deposits of money have been made have been supplied with plants during the season. These houses should be painted during the coming season.

PERPETUAL CARE.

The ever persistent spirit of this department to emphasize the importance of placing lots in perpetual care has been fully exercised this year. The results have been most gratifying and the general disposition of new lot owners seems to be to avail themselves of this feature, as one hundred and forty-four additional lot were placed in perpetual care this year. The total number of lots in perpetual care to date is as follows:—

Rural Cemetery.....	994
Oak Grove Cemetery.....	760
Pine Grove Cemetery.....	56
St. Mary's Cemetery.....	69
Peckham West Cemetery.....	20
St. John's Cemetery.....	10
Congregational Church Cemetery	19
Friends Cemetery.....	25
Griffin Street Cemetery.....	1
Private Cemetery on Braley Rd.	1

1955

Perpetual care insures to any one during their life that their future place of burial will always be well cared for.

Provision has also been made for the deeding of any lot in trust to the City of New Bedford, so that the title can never be changed, and in the assignment of trust is enumerated by the original owner a list of those who may be buried in this lot in the future.

The Cemetery Board appreciate the consideration and response of the City Government to requests made by them for funds, which in our opinion were necessary to meet the requirements of this department.

Report of Caretaker of Soldiers and Sailors Graves.

New Bedford, Mass., December 1, 1919.

To the Honorable City Council of the City of New Bedford:

Gentlemen:—

I herewith submit the following report of the work done on Soldiers' and Sailors' graves in the several cemeteries of the City of New Bedford, as authorized in Chap. 122, Acts of Legislature, 1914:

	Grass cut on	Graves fitted
Rural Cemetery.....	211 graves	35
Oak Grove Cemetery.....	161 "	8
Pine Grove Cemetery.....	11 "	..
St. Mary's Cemetery.....	71 "	4
Sacred Heart Cemetery.....	14 "	2
Peckham West Cemetery.....	23 "	2
St. John's Cemetery.....	9 "	..
Total.....	500 graves	51 graves

The appropriation for this work was \$300.00 and of this amount \$290.50 were expended, leaving a balance of \$9.50.

Respectfully submitted,

HURLBERT E. THOMAS,
Caretaker of Soldiers' and Sailors' Graves.

CITY OF NEW BEDFORD.



IN BOARD OF ALDERMEN,

January 8, 1920.

Received, ordered printed in City Documents, and
sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

January 8, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

Annual Report

OF THE

CITY CLERK

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year 1919



NEW BEDFORD, MASS.

MERCURY PUBLISHING COMPANY

1920

ANNUAL REPORT OF CITY CLERK.

City of New Bedford,
City Clerk's Office,
January 21, 1920.

To the City Council:

Gentlemen:—During the fiscal year 1919 (Dec. 2, 1918, to Nov. 29, 1919, inclusive) the City Clerk's Department received and turned into the city treasury the following:

FOR LICENSES.

Auctioneers,	\$82.00
Billiards, Pool, etc.,	2,263.00
Bowling Alleys,	221.00
Firearms,	70.00
Carousals, etc.,	44.00
Fruit,	1,120.00
Fruit, Badges,	9.00
Fruit, Wagon Plates,	27.50
Intelligence Office,	10.00
Junk Dealers,	475.00
Junk Collectors,	198.00
Junk Collectors' Badges,	6.50
Junk Collectors' Wagon Plates,	32.50
Pawnbrokers,	300.00
Petroleum,	118.00
Petroleum (Registration),	140.75
Gunpowder (Registration),	1.00
Scallops,	94.00
Sausages,	11.00
Dry Cleaning (Registration),	2.00
Garage,	70.50
Garage (Registration),	109.50
Public Vehicle,	832.00
Public Vehicle (Seals),	319.75
Public Vehicle Drivers,	669.00
Public Vehicle Drivers (Badges),	466.25
Public Vehicle Drivers (Blankets),	270.00
Sign Permits,	69.00
Building Obstructions,	405.00
Special Police,	191.00
Fish,	360.00
Fish, Badges,	8.50
Fish, Wagon Plates,	17.50
Awning,	1.00
	<hr/>
	\$9,014.25

FEES

Intentions of Marriage,	\$1,380.00	
Mortgages,	296.60	
Assignment of Mortgages,	3.00	
Foreclosure of Mortgages,	2.75	
Discharge of Mortgages,	44.50	
Bills of Sale,	63.25	
Assignment of Wages,	1.00	
Married Women Certificates,	9.75	
Voluntary Assignments,	3.00	
Writs,	.75	
Copies of Record,	614.22	
Business Certificates,	53.00	
Transfers,	9.50	
Lobster Fees,	4.20	
Physicians (Registration),	1.50	
Co-Partnership,	.75	
Discharge Married Women Certificate,	.50	
Power of Attorney,	1.25	
Clerical Work (Amusements),	125.00	
Telephone Toll Call,	.83	
Dog Fees,	670.80	
Hunters' Fees,	75.00	
Fish Fees,	21.75	
Lost—Article recorded,	.25	
		<hr/>
		\$3,383.15
		<hr/>
Total of licenses and fees returned to city treasury,		\$12,397.40

OTHER FINANCIAL BUSINESS.

Dog fees collected and returned to County Treasurer (County's share, Ch. 102, R. L.),	\$8,341.20
Breeders' Licenses,	50.00
Breeders' License (4 licenses at \$25.00 each),	100.00
Hunters' Licenses issued and returned to Commissioners on Fisheries and Game,	1,195.00
Non-Resident Hunters' License issued and returned to Commissioners on Fisheries and Game,	1.00
Sunday Concerts fees collected and returned to Chief of District Police,	158.00

Lobster Licenses issued and returned to Commissioners on Fisheries and Game,	22.10	
Non-Resident Lobster Licenses issued and returned to Commissioners on Fisheries and Game,	1.70	
Fisherman's Licenses issued and returned to Commissioners on Fisheries and Game,	129.25	
Non-Resident Fisherman's Licenses issued and returned to Commissioners on Fisheries and Game,	.85	
Unnaturalized foreign-born Fisherman's License issued and returned to Commissioners on Fisheries and Game,	4.25	
Dances,	3,407.50	
		<hr/> 13,410.85
		<hr/> \$25,808.25

These figures show a material increase in the amount of money handled through this office, as compared with the previous year. To the amount above given, \$25,808.25, should be added the collection of \$1,448.00, as fees for the New Bedford and Fairhaven Shellfish Commission (Chapter 411, Acts of 1911) and \$475.50, collected as fees for local theatrical entertainments, making a grand total of \$27,731.75 which passed through this office into the city, county and state treasuries during the year.

DANCE LICENSES.

The collection of fees for dance licenses, which occurred for the first time this year, has added an important source of income to the city treasury, and more than that, has served to keep track and control of this particular form of public amusement. During a considerable period previous to this undertaking, some of the public dances had been a source of considerable concern to the moral improvement agencies of the city, and the lack of control was felt.

Under the Massachusetts amusement law, it is the Mayor's function to issue the licenses and fix the fees for all

sorts of public entertainments. In order to bring the issuing of dance licenses under direct supervision, the Mayor turned the licensing of dances over to the City Clerk's office. The fee was fixed at \$5 per dance, a sum sufficient to care for the clerical work and preliminary inspection involved, pay for the printing and yield a little additional revenue for each dance. The Mayor, at his discretion, authorizes a reduction in the price when circumstances warrant in individual cases, but in every case a nominal fee is required. Care is taken in granting the licenses as to the kind of person who is licensed, every applicant being subject to investigation and report by the police inspector attached to the City Clerk's office. The dance management is obliged to pay for the service of a special police officer assigned to the dance by the chief of police with instructions to close the dance up if any untoward performance occurs. At first, the choice of the policeman was left to the dance management, but inasmuch as this plan did not seem to work well, the selection was shifted to the police head, with better results. In addition to the policeman assigned to each dance, the chief of police sends his woman policeman, Mrs. Cody, to the licensed dance halls, and by this means limits the tendency to waywardness which may crop out in some individual cases among the women dancers.

While this is only one of the items included in the mass of detail which makes up the work of this department, it is nevertheless an important one, and has apparently produced good results, since, while there have been a considerable number of licensed dances, no serious complaint of the manner in which they are run has been registered.

VITAL STATISTICS.

BIRTH DATA FOR 1919.

Returned from physicians, midwives and parents,	3288
Returned from churches (baptisms) and not otherwise,	105
Returned from canvass and not otherwise,	19
Returned through death reports and not otherwise,	2

CITY CLERK'S REPORT.

7

Born in New Bedford, residence of parents elsewhere,	92	
Born out of town, residence of parents New Bedford,	39	
		<hr/>
Total, including stillbirths,		3,545
Decrease from 1918,	583	
Males,	1,799	
Females,	1,746	
Number of cases of twins,	41	
Number of stillbirths,	114	
Born of American parents,		643
Born of foreign parents,		2152
Born of American father and foreign mother,		285
Born of foreign father and American mother,		364
Born of American mother and father of unknown nationality,		35
Born of foreign mother and father of unknown nationality,		65
Born of father and mother of unknown nationality,		1
		<hr/>
		3,545

It will be noted that the percentage of births recorded through the annual canvass, and not otherwise covered, was only one half of one percent., and this is a remarkable showing, indicating the high state of co-operation between the physicians and midwives of New Bedford and the city clerk's department, in the matter of birth returns.

MARRIAGE DATA FOR 1919.

1919 Marriage Intentions,	1,406
1918 Marriage Intentions,	1,195
	<hr/>
Increase,	211
1919 Marriages,	1,414
1918 Marriages,	1,196
	<hr/>
Increase,	218

DEATH DATA FOR 1919.

Number of deaths (exclusive of stillbirths),	1,721
Decrease from 1918,	1,293
Males,	955
Females,	898
Under five years of age,	586
5 and under 10,	40
10 and under 20,	55

20 and under 30,	135
30 and under 40,	134
40 and under 50,	131
50 and under 60,	158
60 and under 70,	175
70 and under 80,	183
80 and under 90,	104
90 and over,	20
Age of oldest person deceased,	113 years
Born in New Bedford,	244
Born in other places in the U. S. A.,	330
Of foreign birth,	595
Birthplace unknown,	12
Number of deaths in January,	220
February,	172
March,	189
April,	157
May,	135
June,	101
July,	170
August,	124
September,	128
October,	163
November,	134
December,	160
Deaths due to influenza,	117
Stillbirths,	132
Cases for Medical Examiner,	202

The big decrease in the number of deaths, when compared with 1918, is due partly to the lack of an influenza epidemic. There were 117 influenza deaths in 1919 compared with 799 in 1918.

ELECTIONS.

During the year there were three elections, the State Primaries, held Sept. 23, the State Election, held Nov. 4th, and the Municipal Election, held Dec. 2nd. The results of the State and Municipal elections are given:

STATE ELECTION, NOV. 4, 1919.

GOVERNOR.

Calvin Coolidge, Northampton, Republican,	9,269
Charles B. Ernst, Worcester, Prohibition,	46
William A. King, Springfield, Socialist,	240
Richard H. Long, Framingham, Democratic,	3,561
Ingvar Paulsen, Boston, Socialist Labor,	147
Blanks,	229

LIEUTENANT GOVERNOR.

Charles J. Brandt, Brockton, Socialist,	386
Channing H. Cox, Boston, Republican,	8,813
H. Edward Gordon, Boston, Prohibition,	124
John F. J. Herbert, Worcester, Democratic,	3,402
Patrick Mulligan, Boston, Socialist Labor,	267
Blanks,	500

SECRETARY.

Harry W. Bowman, Boston, Prohibition,	372
James Hayes, Plymouth, Socialist Labor,	396
Albert P. Langtry, Springfield, Republican,	8,490
Charles H. McGlue, Lynn, Democratic,	2,983
Herbert H. Thompson, Haverhill, Socialist,	393
Blanks,	858

TREASURER.

Fred J. Burrell, Medford, Republican,	8,229
David Craig, Milford, Socialist Labor,	315
Charles D. Fletcher, Somerville, Prohibition,	209
Louis Marcus, Boston, Socialist,	362
Chandler M. Wood, Winchester, Democratic,	3,607
Blanks,	770

AUDITOR.

Arthur J. B. Cartier, Fall River, Democratic,	3,476
Alonzo B. Cook, Boston, Republican,	8,175
Oscar Kinsalas, Springfield, Socialist Labor,	294
Waltar P. J. Skahan, Springfield, Socialist,	369
Henry J. D. Small, Boston, Prohibition,	181
Blanks,	997

ATTORNEY GENERAL.

J. Weston Allen, Newton, Republican,	8,552
Morris I. Becker, Chelsea, Socialist Labor,	370
Joseph A. Conry, Boston, Democratic,	3,053
Conrad W. Crocker, Melrose, Prohibition, Independent	
Progressive,	241
William R. Henry, Lynn, Socialist,	337
Blanks,	939

COUNCILLOR, FIRST DISTRICT.

Harry H. Williams, Brockton, Republican,	9,633
John T. Coughlin, Fall River,	1
Douglas Gay, New Bedford,	1
Blanks,	3857

SENATOR, THIRD BRISTOL DISTRICT.

John Halliwell, New Bedford, Republican,	8,512
Noe L. Nadeau, New Bedford, Democratic,	1,584
John A. Stitt, New Bedford, Independent,	2,989
Manuel Goulart, New Bedford,	1
Blanks,	406

REPRESENTATIVES IN GENERAL COURT.

(Seventh Bristol District)

Alfred M. Bessette, New Bedford, Republican,	4,270
Louis Napoleon Blanchette, New Bedford, Labor Party,	1,404
D. Herbert Cook, New Bedford, Republican,	3,060
Joseph Harrison, New Bedford, Labor Party,	1,276
James O. Lennon, New Bedford, Democratic,	688
John T. Sloane, New Bedford, Democratic,	1123
Blanks,	2,037

REPRESENTATIVES IN GENERAL COURT.

(Eighth Bristol District)

Alfred Allard, New Bedford, Democratic,	632
William J. Bullock, New Bedford, Republican,	3,974
Andrew P. Doyle, New Bedford, Republican,	3,705
William W. Foley, New Bedford, Democratic,	1,372
Edgar F. Howland, New Bedford, Republican,	3,583
Abraham Murgatroyd, New Bedford, Labor Party,	912
Manuel Silva, New Bedford, Labor Party,	735

CITY CLERK'S REPORT.

11

Rodolphus A. Swan, New Bedford, Democratic,	805
Patrick E. Wallbank, New Bedford, Labor Party,	810
Edward E. Clark, New Bedford,	2
Frederick H. Taber, New Bedford,	2
Jose F. Simaos, New Bedford,	1
Blanks,	3,156

COUNTY COMMISSIONER.

Frank M. Chace, Fall River, Republican,	9,799
Blanks,	3,693

ASSOCIATE COUNTY COMMISSIONER.

James M. Hughes, New Bedford, Republican,	9,814
Arthur M. Reed, Westport, Republican,	7,505
Blanks,	9,665

DISTRICT ATTORNEY, SOUTHERN DISTRICT.

Edward T. Bannon, New Bedford, Independent,	3,455
Leo M. Harlow, Easton, Democratic,	1,646
Joseph T. Kenney, New Bedford, Republican,	7,831
Charles Mitchell, Main Street, Fairhaven,	1
Blanks,	559

SHERIFF, BRISTOL COUNTY.

Isaac E. Willetts, Taunton, Republican,	9,910
Blanks,	3,582

"Shall the Rearrangement of the Constitution of the Commonwealth, submitted by the Constitutional Convention, be approved and ratified?"

Yes,	7,038
No,	1,598
Blanks,	4,856

Shall an act passed by the General Court in the year nineteen hundred and nineteen, entitled "An Act relative to the establishment and maintenance of continuation schools and courses of instruction for employed minors," be accepted?

Yes,	8,065
No,	1,613
Blanks,	3,814

Shall Chapter 116, General Acts of 1919, Approved by the General Court Without Division, which provides that deposits in savings banks and saving departments of trust companies may be placed on interest once a month and not oftener; that

dividends on such deposits may be declared semi-annually and not oftener, and that interest shall not be paid on any such deposits withdrawn between dividend days, be approved?

Yes,	8,190
No,	1,996
Blanks,	3,306

"Shall an act passed in the year nineteen hundred and nineteen, to provide for the division into day and night forces of permanent members of fire departments, known as the two platoon system be accepted?"

Yes,	8,284
No,	4,037
Blanks,	1,171

"Shall the Senator from this district be instructed to vote for legislation to regulate and license the manufacture and sale of beverages containing not over four per cent. of alcohol by weight and define same to be non-intoxicating?"

Yes,	8,216
No,	3,524
Blanks,	1,752

"Shall the Representatives from this district be instructed to vote for legislation to regulate and license the manufacture and sale of beverages containing not over four per cent. of alcohol, by weight and to define same to be non-intoxicating?"

SEVENTH BRISTOL DISTRICT.

Yes,	4,296
No,	1,704
Blanks,	929

EIGHTH BRISTOL DISTRICT.

Yes,	3,750
No,	1,800
Blanks,	1,013

MUNICIPAL ELECTION, DEC. 2, 1920.

WARD ONE.

Precincts

	1	2	3	4	Totals
Mayor:—					
Charles S. Ashley, Citizens,	283	267	203	224	976
Arthur N. Harriman, Labor Party,	297	415	392	296	1,400
Scattering,	0	0	0	0	0
Blanks,	8	26	12	13	59

Alderman, Ward One:—

Louis Napoleon Blanchette,					
Labor Party,	287	422	403	280	1,392
Napoleon Ricard, Citizens,	266	244	181	232	923
Scattering,	0	0	0	0	0
Blanks,	35	42	23	21	121

Alderman, Ward Two:—

James F. Collins, Citizens,	271	250	202	217	940
Edward J. Doran, Labor Party,	265	400	363	273	1,301
Scattering,	0	0	0	0	0
Blanks,	52	58	42	43	195

Alderman, Ward Three:—

Frederic G. Bowman,					
Independent,	98	99	92	69	358
George T. Duckworth, Citizens,	205	202	145	184	736
William R. Grindrod,					
Labor Party,	247	353	334	242	1,176
Scattering,	0	0	0	0	0
Blanks,	38	54	36	38	166

Alderman, Ward Four:—

Clifton W. Bartlett, Citizens,	271	252	206	222	951
Patrick E. Wallbank,					
Labor Party,	259	394	358	268	1,279
Scattering,	0	0	0	0	0
Blanks,	58	62	43	43	206

Alderman, Ward Five:—

Charles M. Carroll, Citizens,	297	292	226	237	1,052
Manuel Silva, Labor Party,	237	350	331	245	1,163
Scattering,	0	0	0	0	0
Blanks,	54	66	50	51	221

Alderman, Ward Six:—

Patrick J. Coyne, Labor Party,	271	389	349	275	1,284
Thomas Kirkham, Citizens,	260	255	203	211	929
Scattering,	0	0	0	0	0
Blanks,	57	64	55	47	223

Common Council, Ward One:—

James Connor, Labor,	248	385	331	231	1,195
Albert Crossley, Citizens,	246	212	196	199	853
Julien Desrochers, Labor,	237	347	333	278	1,195
George H. Duckworth, Labor,	270	373	358	238	1,239
Joseph Harrison, Labor,	258	390	359	237	1,244

Morton G. Sartoris, Citizens,	187	164	119	134	604
Domina Suprenant, Citizens,	239	239	189	250	917
Clifford H. Verville, Citizens,	226	217	182	224	849
Albert H. Winterbottom,					
Independent,	121	119	92	61	393
Scattering,	0	1	0	0	1
Blanks,	320	385	269	280	1,254
Assessor at Large, Three Years:—					
Joseph H. Handford, Citizens,	309	300	240	242	1,091
Richard F. Haynes, Labor Party,	241	347	331	260	1,179
Scattering,	0	0	0	0	0
Blanks,	38	61	36	31	166
School Committee, for Three Years:—					
Joseph Eccleston, Independent,	339	443	324	289	1,395
Carolyn B. Manning, Independent,	213	236	239	203	891
Harry C. Robinson,					
School Association,	232	263	206	183	884
Frank L. Rogers, Independent,	143	192	180	159	674
Blanks,	249	282	265	232	1,028
Shall licenses be granted for the sale of intoxicating liquors?—					
Yes,	398	503	464	414	1,779
No,	160	169	121	94	544
Blanks,	30	36	22	25	113
Shall licenses for Sunday moving picture shows be granted?—					
Yes,	398	517	459	434	1,808
No,	158	155	131	81	525
Blanks,	32	36	17	18	103
WARD TWO.					
	Precincts				
	5	6	7	8	Totals
Mayor:—					
Charles S. Ashley, Citizens,	196	216	224	245	881
Arthur N. Harriman, Labor Party,	254	279	331	214	1,078
Scattering,	1	0	1	2	4
Blanks,	7	12	20	45	84
Alderman, Ward One:—					
Louis Napoleon Blanchette,					
Labor Party,	252	277	315	186	1,030
Napoleon Ricard, Citizens,	187	181	204	242	814
Scattering,	1	0	0	0	1
Blanks,	18	49	57	78	202

Alderman, Ward Two:—

James F. Collins, Citizens,	172	236	253	274	935
Edward J. Doran, Labor Party,	256	243	288	182	969
Scattering,	0	0	0	0	0
Blanks,	30	28	35	50	143

Alderman, Ward Three:—

Frederic G. Bowman, Independent,	63	82	127	125	397
George T. Duckworth, Citizens,	140	154	148	175	617
William R. Grindrod,					
Labor Party,	221	224	251	141	837
Scattering,	0	0	0	0	0
Blanks,	34	47	50	65	196

Alderman, Ward Four:—

Clifton W. Bartlett, Citizens,	165	175	207	255	802
Patrick E. Wallbank,					
Labor Party,	251	279	317	181	1,028
Scattering,	0	0	0	0	0
Blanks,	42	53	52	70	217

Alderman, Ward Five:—

Charles M. Carroll, Citizens,	190	232	244	272	938
Manuel Silva, Labor Party,	226	217	274	154	871
Scattering,	1	0	0	0	1
Blanks,	41	58	58	80	237

Alderman, Ward Six:—

Patrick J. Coyne, Labor Party,	251	288	322	180	1,041
Thomas Kirkham, Citizens,	163	170	204	252	789
Scattering,	0	0	0	0	0
Blanks,	44	49	50	74	217

Common Council, Ward Two:—

Henry Arkinson, Citizens,	148	194	217	246	805
Aldei Casavant, Citizens,	177	173	172	203	725
Austin Fowler, Labor Party,	238	282	332	242	1,094
Arthur J. Lavelle, Labor Party,	248	250	279	171	948
Charles H. McCarty, Citizens,	139	169	204	216	728
Henry Ortner, Labor Party,	220	219	247	161	847
John H. Riley, Labor Party,	255	318	326	194	1,093
Fielding H. Walsh, Citizens,	153	144	209	255	761
Scattering,	0	0	0	1	1
Blanks,	254	279	318	335	1,186

Assessor at Large, Three Years:—

Joseph H. Handford, Citizens,	182	223	275	282	962
Richard F. Haynes, Labor Party,	239	239	264	170	912
Scattering,	0	0	0	0	0
Blanks,	37	45	37	54	173

School Committee for Three Years:—

Joseph Eccleston, Independent,	232	270	348	316	1,166
Carolyn B. Manning, Independent,	154	224	224	199	801
Harry C. Robinson, Public School Association,	140	140	225	210	715
Frank L. Rogers, Independent,	116	164	146	147	573
Blanks,	274	216	209	140	839

Shall licenses be granted for the sale of intoxicating liquors in this city?—

Yes,	365	382	408	267	1,422
No,	73	97	130	189	489
Blanks,	20	28	38	50	136

Shall licenses for Sunday moving picture shows be granted?—

Yes,	386	406	411	281	1,484
No,	51	78	126	174	429
Blanks,	21	23	39	51	134

WARD THREE.

Precincts

	9	10	11	12	Totals
Mayor:—					
Charles S. Ashley, Citizens,	284	322	260	269	1,135
Arthur N. Harriman, Labor Party,	148	78	144	137	507
Scattering,	0	1	2	0	3
Blanks,	20	77	43	31	171

Alderman, Ward One:—

Louis Napoleon Blanchette, Labor Party,	148	78	135	128	489
Napoleon Ricard, Citizens,	252	293	243	240	1,028
Scattering,	0	0	0	0	0
Blanks,	52	107	71	69	299

Alderman, Ward Two:—

James F. Collins, Citizens,	278	318	284	268	1,148
Edward J. Doran, Labor Party,	128	62	107	113	410
Scattering,	0	0	0	0	0
Blanks,	46	98	58	56	258

Alderman, Ward Three:—

Frederic G. Bowman, Independent,	101	118	169	145	533
George T. Duckworth, Citizens,	207	239	164	174	784
Wm. R. Grindrod, Labor Party,	112	45	73	84	314
Scattering,	0	0	0	1	1
Blanks,	32	76	43	33	184

Alderman, Ward Four:—

Clifton W. Bartlett, Citizens,	252	305	263	253	1,073
Patrick E. Wallbank, Labor Party,	155	86	132	124	497
Scattering,	0	0	0	0	0
Blanks,	45	87	54	60	246

Alderman, Ward Five:—

Charles M. Carroll, Citizens,	291	311	278	268	1,148
Manuel Silva, Labor Party,	121	67	105	106	399
Scattering,	0	0	0	1	1
Blanks,	40	100	66	62	268

Alderman, Ward Six:—

Patrick J. Coyne, Labor Party	162	83	144	126	515
Thomas Kirkham, Citizens,	237	293	247	244	1,021
Scattering,	0	0	0	0	0
Blanks,	53	102	58	67	280

Common Council, Ward Three:—

Lester G. Brownell, Labor Party,	152	89	161	174	576
Albert J. Davidian, Labor Party,	160	74	137	136	507
Frederick C. Luce, Citizens,	250	308	273	265	1,096
George Malone, Labor Party,	142	72	121	115	450
James L. McCarthy, Citizens,	241	282	239	218	980
Frank A. McNulty, Citizens,	228	284	253	232	997
Edward L. Moriarty, Citizens,	232	285	222	223	962
Adolph J. Schabel, Labor Party,	117	60	114	125	416
Blanks,	286	458	276	260	1,280

Assessor at Large, Three Years:—

Joseph H. Handford, Citizens,	270	318	282	261	1,131
Richard F. Haynes, Labor Party,	127	72	127	124	450
Scattering,	0	0	0	0	0
Blanks,	55	88	40	52	235

School Committee, for Three Years:—

Joseph Eccleston, Independent,	220	311	268	286	1,094
Carolyn B. Manning, Independent,	172	133	188	168	661
Harry C. Robinson, Public School Association,	185	275	219	207	886
Frank L. Rogers, Independent,	114	124	98	94	430
Blanks,	204	113	125	119	561

Shall licenses be granted for the sale of intoxicating liquors in this city?—

Yes,	286	213	227	228	954
No,	132	192	179	170	673
Blanks,	34	73	43	39	189

Shall licenses for Sunday moving picture shows be granted?—

Yes,	307	209	231	250	997
No,	112	193	174	146	625
Blanks,	33	76	44	41	194

WARD FOUR.

Precincts

	13	14	15	16	Totals
Mayor:—					
Charles S. Ashley, Citizens,	325	215	269	273	1,082
Arthur N. Harriman Labor Party,	126	71	134	109	440
Scattering,,	0	0	1	0	1
Blanks,	47	62	37	45	191

Alderman, Ward One:—

Louis Napoleon Blanchette, Labor Party,	121	62	125	100	408
Napoleon Ricard, Citizens,	290	210	246	250	996
Scattering,	0	1	0	0	1
Blanks,	87	75	70	77	309

Alderman, Ward Two:—

James F. Collins, Citizens,	317	212	252	253	1,034
Edward J. Doran, Labor Party,	106	65	122	94	387
Scattering,	0	1	0	0	1
Blanks,	75	70	67	80	292

Alderman, Ward Three:—

Frederic G. Bowman, Independent,	109	71	104	121	405
George T. Duckworth, Citizens,	238	178	198	196	810
Wm. R. Grindrod, Labor Party,	84	41	80	53	258
Scattering,	0	0	0	0	0
Blanks,	67	58	59	57	241

Alderman, Ward Four:—

Clifton W. Bartlett, Citizens,	315	220	264	285	1,084
Patrick Wallbank, Labor Party,	121	67	131	87	406
Scattering,	0	0	0	0	0
Blanks,	62	61	46	55	224

Alderman, Ward Five:—

Charles M. Carroll, Citizens,	323	219	254	271	1,067
Manuel Silva, Labor Party,	90	61	117	80	348
Scattering,	0	0	0	0	0
Blanks,	85	68	70	76	299

Alderman, Ward Six:—

Patrick J. Coyne, Labor Party,	120	69	126	91	406
Thomas Kirkham, Citizens,	295	204	243	256	998
Scattering,	0	0	0	0	0
Blanks,	83	75	72	80	310

Common Council, Ward Four:—

Austin Conway, Jr., Independent,	104	66	120	104	394
Clifton L. Hathaway, Labor Party,	128	71	123	123	445
Samuel Higginbottom, Citizens,	272	183	218	219	892
Bernard McCabe, Citizens,	273	182	205	191	851
Charles Pallatroni, Labor Party,	77	55	128	78	338
Lewis F. Peirce, Citizens,	289	201	239	239	968
John Ross, Labor Party,	118	62	116	121	417
James H. Simpson, Labor Party,	108	51	92	82	333
George G. Sylvia, Citizens,	255	184	200	223	862
Blanks,	368	337	323	328	1,356

Assessor at Large, Three Years:—

Joseph H. Handford, Citizens,	311	221	266	288	1,086
Richard F. Haynes, Labor Party,	108	60	112	73	353
Scattering,	0	0	0	0	0
Blanks,	79	67	63	66	275

School Committee, for Three Years:—

Joseph Eccleston, Independent,	290	209	287	314	1,100
Carolyn B. Manning, Independent,	174	119	143	109	545
Harry C. Robinson, Public					
School Association,	256	197	223	258	934
Frank L. Rogers, Independent,	109	70	101	76	356
Blanks,	167	101	128	97	493

Shall licenses be granted for the sale of intoxicating liquors in this city?:—

Yes,	293	174	226	178	871
No,	145	115	164	203	627
Blanks,	60	59	51	46	216

Shall licenses for Sunday moving picture shows be granted?—

Yes,	336	189	251	224	1,000
No,	107	99	141	152	499
Blanks,	55	60	49	51	215

WARD FIVE.

Precincts

17 18 19 20 Totals

Mayor:

Charles S. Ashley, Citizens,	236	288	220	297	1,041
Arthur N. Harriman, Labor Party,	168	183	154	151	656
Scattering,	0	2	1	2	5
Blanks,	30	62	55	44	191

Alderman, Ward One:—

Louis Napoleon Blanchette, La-					
bor Party,	151	170	131	141	593
Napoleon Ricard, Citizens,	232	260	212	269	973
Scattering,	0	1	0	0	1
Blanks,	51	104	87	84	326

Alderman, Ward Two:—

James F. Collins, Citizens,	240	282	220	289	1,031
Edward J. Doran, Labor Party,	143	155	122	131	551
Scattering,	0	0	0	0	0
Blanks,	51	98	88	74	311

Alderman, Ward Three:—

Frederic G. Bowman, Independent,	84	112	87	110	393
George T. Duckworth, Citizens,	194	211	172	227	804
William R. Grindrod, Labor					
Party,	107	131	100	94	432
Scattering,	0	0	0	0	0
Blanks,	49	81	71	63	264

Alderman, Ward Four:—

Clifton W. Bartlett, Citizens,	227	276	229	299	1,031
Patrick E. Wallbank, Labor Party,	158	170	120	125	573
Scattering,	0	0	0	0	0
Blanks,	49	89	81	70	289

Alderman, Ward Five:—

Charles M. Carroll, Citizens,	235	282	231	305	1,053
Manuel Silva, Labor Party,	155	174	123	121	573
Scattering,	0	1	0	0	1
Blanks,	44	78	76	68	266

Alderman, Ward Six:—

Patrick J. Coyne, Labor Party,	177	190	131	128	626
Thomas Kirkham, Citizens,	205	259	213	291	968
Scattering,	0	1	0	0	1
Blanks,	52	85	86	75	298

Common Council, Ward Five:—

Robert L. Baylies, Citizens,	234	301	241	285	1,061
Harrison T. Borden, Citizens,	210	279	231	283	1,003
Robert W. Carr, Labor Party,	149	154	114	135	552
Albert W. Cayton, Labor Party,	144	146	131	118	539
John McCullough, 3d, Citizens,	239	273	213	279	1,004
William E. Parker, Citizens,	203	251	197	277	928
John Rex, Labor Party,	153	170	149	144	616
Joseph Wareing, Labor Party,	146	158	111	125	540
Scattering,	0	1	0	0	1
Blanks,	258	407	333	330	1,328

Assessor at Large, Three Years:—

Joseph H. Handford, Citizens,	244	287	235	300	1,066
Richard F. Haynes, Labor Party,	143	163	118	122	546
Scattering,	0	1	0	0	1
Blanks,	47	84	77	72	280

School Committee, for Three Years:—

Joseph Eccleston, Independent,	211	281	258	285	1,035
Carolyn B. Manning, Independent,	128	192	113	143	576
Harry C. Robinson, Public School Association,	167	234	233	279	913
Frank L. Rogers, Independent,	188	208	151	144	691
Blanks,	174	155	105	137	571

Shall licenses be granted for the sale of intoxicating liquors in this city?:—

Yes,	276	301	202	225	1,004
No,	118	159	159	206	642
Blanks,	40	75	69	63	247

Shall licenses for Sunday moving picture shows be granted?:—

Yes,	322	317	245	266	1,150
No,	77	143	123	178	521
Blanks,	35	75	62	50	222

WARD SIX.

Precincts

	21	22	23	24	Totals
Mayor:—					
Charles S. Ashley, Citizens,	157	199	169	237	762
Arthur N. Harriman, Labor Party,	272	452	252	462	1,438
Scattering,	0	0	1	1	2
Blanks,	12	30	20	49	111

Alderman, Ward One:—

Louis Napoleon Blanchette, Labor Party,	259	416	237	422	1,334
Napoleon Ricard, Citizens,	131	169	148	224	672
Scattering,	0	0	0	0	0
Blanks,	51	96	57	103	307

Alderman, Ward Two:—

James F. Collins, Citizens,	134	175	166	212	687
Edward J. Doran, Labor Party,	262	408	231	430	1,331
Scattering,	0	0	0	0	0
Blanks,	45	98	45	107	295

Alderman, Ward Three:—

Frederic G. Bowman, Independent,	66	77	78	90	311
George T. Duckworth, Citizens,	105	120	119	161	505
Wm. H. Grindrod, Labor Party,	225	407	203	406	1,241
Scattering,	0	0	0	0	0
Blanks,	45	77	42	92	256

Alderman, Ward Four:—

Clifton W. Bartlett, Citizens,	133	155	149	215	652
Patrick E. Wallbank, Labor Party,	261	436	248	425	1,370
Scattering,	0	0	0	0	0
Blanks,	47	90	45	109	291

Alderman, Ward Five:—

Charles M. Carroll, Citizens,	161	209	165	252	787
Manuel Silva, Labor Party,	244	378	236	391	1,249
Scattering,	0	0	0	0	0
Blanks,	36	94	41	106	277

Alderman, Ward Six:—

Patrick J. Coyne, Labor Party,	277	441	254	435	1,407
Thomas Kirkham, Citizens,	130	188	151	245	714
Scattering,	0	0	0	0	0
Blanks,	34	52	37	69	192

Common Council, Ward Six:—

William Bond, Citizens,	135	233	137	336	841
John Joseph Foley, Labor Party,	241	403	228	443	1,315
Armand A. Fortier, Labor Party,	239	409	203	393	1,244
John Moniz, Labor Party,	227	334	281	308	1,150
Abraham Murgatroyd, Labor Party,	234	400	200	476	1,310
Harry Seddon, Citizens,	112	174	136	304	726
John Alexander Silva, Citizens,	138	138	153	144	573
Felix Tetreault, Citizens,	128	192	116	165	601
Blanks,	310	441	314	427	1,492

Assessor at Large, Three Years:—

Joseph H. Handford, Citizens,	164	208	181	288	841
Richard F. Haynes, Labor Party,	235	402	220	390	1,247
Blanks,	42	71	41	71	225

School Committee, for Three Years:—

Joseph Eccleston, Independent,	203	369	197	508	1,277
Carolyn B. Manning, Independent,	176	233	156	243	808
Harry C. Robinson, Public School Association,	146	222	130	297	795
Frank L. Rogers, Independent,	168	236	210	220	834
Blanks,	189	302	191	230	912

Shall license be granted for the sale of intoxicating liquors in this city?—

Yes,	341	526	297	502	1,666
No,	78	116	112	176	482
Blanks,	22	39	33	71	165

Shall licenses for Sunday moving picture shows be granted?—

Yes,	341	538	338	519	1,736
No,	76	103	81	164	424
Blanks,	24	40	23	66	153

BY WARDS.

	1	2	3	4	5	6 Totals
Mayor:—						
Charles S. Ashley, Citizens,	976	881	1135	1083	1041	762 5878
Arthur N. Harriman, Labor Party,	1400	1078	507	440	656	1438 5519
Scattering,	0	4	3	1	5	2 15
Blanks,	59	84	171	191	191	111 807
Alderman, Ward One:—						
Louis Napoleon Blanchette, Labor Party,	1392	1030	489	408	593	1334 5246
Napoleon Ricard, Citizens,	923	814	1028	996	973	672 5406
Scattering,	0	1	0	1	1	0 3
Blanks,	121	202	999	809	326	307 1564
Alderman, Ward Two:—						
James F. Collins, Citizens,	940	935	1148	1034	1031	687 5775
Edward J. Doran, Labor Party,	1301	969	410	387	551	1331 4949
Scattering,	0	0	0	1	0	0 1
Blanks,	195	143	258	292	311	295 1494
Alderman, Ward Three:—						
Frederic G. Bowman, Independent,	358	397	533	405	393	311 2397
George T. Duckworth, Citizens,	736	617	784	810	804	505 4256
William R. Grindrod, Labor Party,	1176	837	314	258	432	1241 4258
Scattering,	0	0	1	0	0	0 1
Blanks,	166	196	184	241	264	256 1307

BY WARDS.

Alderman, Ward Four:—

Clifton W. Bartlett, Citizens,	951	802	1073	1084	1031	652	5593
Patrick E. Wallbank, Labor Party,	1279	1028	497	406	573	1370	5153
Scattering,	0	0	0	0	0	0	0
Blanks,	206	217	246	224	289	291	1473

Alderman, Ward Five:—

Charles M. Carroll, Citizens,	1052	938	1148	1067	1053	787	6045
Manuel Silva, Labor Party,	1163	871	399	348	573	1249	4603
Scattering,	0	1	1	0	1	0	3
Blanks,	221	237	268	299	266	277	1568

Alderman, Ward Six:—

Patrick J. Coyne, Labor Party,	1284	1041	515	406	626	1407	5279
Thomas Kirkham, Citizens,	929	789	1021	998	968	714	5419
Scattering,	0	0	0	0	1	0	1
Blanks,	223	217	280	310	298	192	1520

Assessor at Large, Three Years:—

Joseph H. Handford, Citizens,	1091	962	1131	1086	1066	841	6177
Richard F. Haynes, Labor Party,	1179	912	450	353	546	1247	4687
Scattering,	0	0	0	0	1	0	1
Blanks,	166	173	235	275	280	225	1354

BY WARDS.

School Committee for Three Years:—

Joseph Eccleston, Independent,	1395	1166	1094	1100	1035	1277	7067
Carolyn B. Manning, Independent,	891	801	661	545	576	808	4282
Harry C. Robinson, Public School Asso.,	884	715	886	934	913	795	5127
Frank L. Rogers, Independent,	674	573	430	356	691	834	3558
Blanks,	1028	839	561	493	571	912	4404

Shall licenses be granted for the sale of intoxicating liquors?

Yes,	1779	1422	954	871	1004	1666	7696
No,	544	489	673	627	642	482	3457
Blanks,	113	136	189	216	247	165	1066

Shall licenses for Sunday picture shows be granted?—

Yes,	1808	1484	997	1000	1150	1736	8175
No,	525	429	625	499	521	424	3023
Blanks,	103	134	194	215	222	153	1021

Respectfully submitted,

W. H. B. REMINGTON,
City Clerk.

In Board of Aldermen.

Jan. 21, 1920.

Received, ordered printed in City Documents, and sent
down for concurrence.

W. H. B. REMINGTON,

City Clerk.

In Common Council.

Jan. 22, 1920.

Concurred.

HAROLD WINSLOW,

Clerk.

THE
Auditor's Annual Report

OF THE

Receipts and Expenditures

OF THE

CITY OF NEW BEDFORD
MASSACHUSETTS

FOR THE YEAR

1919

NEW BEDFORD
THE A. E. COFFIN PRESS — COFFIN BUILDING
1920

THE CITY OF NEW BEDFORD.

OFFICE OF THE CITY AUDITOR.

The Honorable City Council:

I respectfully submit herewith a report of the receipts and expenditures of the City of New Bedford for the financial year 1919, with a statement of the bonded debt and a schedule of the city property.

CHARLES J. MCGURK,

City Auditor.

APPROPRIATIONS, RECEIPTS AND EXPENDITURES, FINANCIAL YEAR 1919.

ACCOUNTS	Appropriations from the Revenue of 1919	Appropriations from the Proceeds of Bond Issues and Revenues of prior years	Cash Receipts and other Credits	Expenditures 1919
Army emergency supplies.....			\$23,568.74	\$19,598.65
Bathing houses.....	\$10,500.00		3,553.42	10,351.76
Board of assessors.....	17,000.00			16,958.68
Board of health.....	139,520.18		34,063.85	141,622.91
Board of survey.....	100.00			46.39
Bonds, revenue account.....	690,236.64		1,309,879.56	723,052.03
Bridges.....	17,800.00			20,533.47
Cemetery board.....	25,000.00		21,754.41	46,654.37
Cemetery office building.....		\$7,997.31		6,186.00
Cemetery, 6 per cent. income fund.....			1,604.10	1,216.90
Cemeteries, sale of lots.....			12,591.63	16,883.53
Citizens' emergency committee.....	1,500.00			855.60
Citizens' emergency committee, influenza epidemic.....		70,000.00	185.10	55,859.21
City auditor.....	9,500.00			9,468.93
City clerk.....	21,000.00		12,398.40	21,514.63
City council.....	5,500.00		213.00	5,802.05
City forestry.....	9,000.00			11,237.71
City messenger.....	39,000.00		1.00	35,946.37
City property committee.....	4,000.00			2,770.98
City physician.....	800.00		116.61	916.61
City solicitor.....	4,000.00			3,446.96
City treasurer and collector.....	23,300.00		2,591.43	22,792.02
Clerk of committees.....	4,000.00			3,994.64
Committee on claims.....	500.00			101.70
Community social centres.....				478.64
Court judgments.....	3,700.26			650.00
Dental clinic.....	4,000.00			3,937.23
Department of wharves.....			6,464.18	3,304.30
Elections.....	8,000.00			7,808.75
Engineering.....	30,000.00		159.39	29,553.31
Fire department.....	253,000.00		436.87	250,986.09
Fire station.....				856.05
Fire station alterations.....				2,001.50
Fourth of July.....	19,000.00			15,470.62
Garbage collection.....	44,300.00			44,467.15
Harbor master.....	352.00		58.31	410.31
Highways.....	389,000.00			597,318.28
Highways, improvements.....		480,000.00	216,760.81	509,941.08
Highways, macadam.....		64,000.00	11,425.79	75,232.79
Home economics extension.....	1,000.00	11,000.00		140.27
Howland street extension.....				1,827.50
Inspector of animals.....	100.00			100.00
Inspector of buildings.....	10,960.00		26.00	10,778.10
Inspector of wires.....	11,000.00			11,391.55
Interest.....	458,709.02		34,565.10	450,755.64
Labor service registrar.....	500.00			474.20
Land, city yard.....		54,890.40		54,890.40
Land, rural cemetery.....		10,000.00	689.66	9,302.00
Licensing board.....	3,000.00		3,535.75	3,122.04
Liquor licenses.....			38,235.00	9,558.75
Mayor.....	15,000.00		4,073.25	15,350.00
Memorial day.....	1,200.00			1,197.05
Military aid.....	1,225.00		1,234.50	2,306.00
Military enrollment.....	355.38			335.38
Military equipment.....				3.50
Militia and armories.....	3,000.00			1,713.92
Municipal hospital.....		145,534.50		48,785.41
New Bedford vocational school.....	52,000.00		25,536.00	52,000.00
New Bedford textile school.....	10,000.00			10,000.00
New Bedford water works.....			406,855.78	342,976.18
Notes, temporary loans.....			3,150,000.00	3,390,000.00
Operation of trolley line.....	400.00			400.00
Park commission.....	49,000.00		244.11	48,917.98
Parks, land sale.....			3,001.95	
Playgrounds.....	3,000.00			2,897.08
Police.....	326,600.00		7,559.01	331,904.85
Police station construction.....		1,075.36		24,359.50
Police signal system.....				972.04
Poor.....	200,000.00		62,172.04	258,235.85
Pope's island tax wall.....		12,000.00		8,680.28
Premium on bonds.....			4,966.88	2,870.39
Public library.....	34,000.00		1,318.46	37,221.34
Public library, dog fund.....			2,725.11	2,717.47
Public library, J. B. Congdon fund.....			22.50	19.70
Public library, G. O. Crocker fund.....			548.00	196.25
Public library, Oliver Crocker fund.....			45.00	38.07
Public library, G. Howland, Jr. fund.....			72.00	60.92
Public library, S. A. Howland fund.....			2,469.91	1,719.56
Public library, C. W. Morgan fund.....			45.00	28.85
Public library, C. L. Wood fund.....			90.00	93.87
Public library, Kempton fund.....			9,303.12	12,344.10
Public schools, Bourne prize fund.....			60.00	60.00
Public schools, dog fund.....			2,725.10	2,658.72
Public schools, S. A. Howland fund.....			2,469.93	3,438.26
Public schools, Smith-Hughes fund.....			2,654.87	2,653.52
Public schools, Paisler educational fund.....			1,190.00	
Public schools, incidentals.....	138,000.00		8,742.94	148,758.82
Public schools, pay of teachers.....	556,000.00			559,092.51
Public schools, repair of buildings.....	13,000.00			14,096.78
Public schools, one story schoolhouse.....		4,548.45		715.00
Public schools, portable schools.....		7,000.00		6,540.60
Public schools, old high school.....		11,000.00		10,530.62
Public schools, south end schoolhouse.....		283,851.40		101,835.86
Public schools, furnishings.....				1,509.86
Refunds and duplications.....			5,632.51	
Registrars of voters.....	4,500.00		25.75	5,577.61
Rent, G. A. R. headquarters.....	750.00			750.00
Sealer of weights and measures.....	7,000.00		1,263.42	6,991.75
Sewer assessments.....			11,329.36	
Sewer construction.....		150,000.00	2,927.03	138,573.62
Sewage disposal.....	25,000.00		455.59	27,106.06
Sewer entry fees.....			420.00	
Sewers and drains.....	24,000.00		32,199.03	58,002.03
Sinking funds.....	24,972.00			24,972.00
Sinking fund commissioners.....	450.00			443.37
Soldiers burials.....			350.00	200.00
Soldiers and sailors graves.....	300.00			230.59
Soldiers relief.....	26,636.00			26,829.56
Soldiers tax exemptions.....	652.90			652.90
State aid.....			22,435.00	15,097.59
Street lighting.....	118,500.00			117,809.23
Street widening debt.....				19,565.74
Summons fees due collectors.....			12.00	33.00
Trustees of Charles Kwiakowski fund.....	5,000.00			2,000.00
Taxes, 1919, city.....			3,182,601.66	
Taxes, 1919, corporation.....			208,861.56	
Taxes, 1919, county.....			167,037.42	167,037.42
Taxes, 1919, income.....			152,017.50	
Taxes, 1919, non-resident bank.....			35,736.89	35,736.89
Taxes, 1919, ship excise.....			8.33	
Taxes, 1919, state.....			321,233.00	321,233.00
Taxes, of prior years.....			306,133.52	
Vital statistics.....	3,000.00		200.00	3,273.72
Totals.....	\$3,902,339.38	\$1,312,897.42	\$9,905,002.12	\$9,685,510.73
CITY TREASURER; SPECIAL RECEIPTS AND DISBURSEMENTS:				
Cash discrepancies.....			263.88	536.48
Cemetery, perpetual care deposits.....			14,925.00	14,925.00
Department advances.....			1,222.36	1,222.36
Highway deposits.....			13,510.86	11,155.71
Kempton fund advances.....			11,100.13	9,303.12
Salary advances.....			27,512.20	26,550.18
Sewer deposits.....			7,685.80	9,831.00
Unpaid warrants.....			\$ 9,986,939.55	\$ 9,759,034.58
Cash.....			274,187.12	248,419.56
			680,022.83	933,695.36
Totals.....			\$10,941,149.50	\$10,941,149.50

FUND	DEPARTMENT	DIVISION	SECTION	DESCRIPTION
100	GENERAL	ADMINISTRATIVE	CLERICAL	CLERICAL SALARIES
100	GENERAL	ADMINISTRATIVE	CLERICAL	CLERICAL SALARIES
100	GENERAL	ADMINISTRATIVE	CLERICAL	CLERICAL SALARIES
100	GENERAL	ADMINISTRATIVE	CLERICAL	CLERICAL SALARIES
100	GENERAL	ADMINISTRATIVE	CLERICAL	CLERICAL SALARIES

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Taxes.			
1919. Property.....	\$3,143,833.99		
Polls.....	38,776.00		
Corporations.....	189,961.63		
Street railways.....	12,274.20		
Income.....	115,642.50		
National bank from State.....	5,532.29		
Prior Years.			
Property.....	288,069.52		
Polls.....	18,064.00		
Street railways.....	1,093.44		
Incomes.....	36,375.00		
Total.....	\$3,849,622.57		\$3,849,622.57
Licenses and Permits.			
LICENSES.			
Amusements.....	\$4,117.25		
Auctioneers.....	82.00		
Billiards and bowling.....	2,484.00		
Firearms and gun powder.....	71.00		
Fruit and fish pedlers.....	1,542.50		
Hacks, wagons and motor vehicles....	2,749.00		
Health.....	79.35		
Intelligence offices.....	10.00		
Itinerant vendors.....	300.00		
Junk.....	712.00		
Liquor.....	28,676.25		
Milk, provisions and slaughter.....	251.00		
Pawnbrokers.....	300.00		
Petroleum.....	258.75		
Special police.....	191.00		
Sunday.....	1,855.00		
Victuallers.....	1,040.00		
PERMITS.			
Building obstructions.....	405.00		
Dry cleaning.....	2.00		
Garages.....	180.00		
Marriage.....	1,380.00		
Sausage.....	11.00		
Scallop.....	94.00		
Signs.....	70.00		
Total.....	\$46,861.10		\$46,861.10
Fines and Forfeits.			
Court fines.....	\$5,815.31		
Total.....	\$5,815.31		\$5,815.31

RECEIPTS.

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Grants and Gifts.			
Bristol County, dog licenses.....	\$5,450.21		
Vocational school, from State.....	20,310.40		
Schools, classes for blind.....	1,000.00		
Vocational school, Smith-Hughes fund	2,654.87		
Total.....	\$29,415.48		\$29,415.48
Special Assessments.			
Sewer construction.....		\$11,329.36	
Total.....		\$11,329.36	\$11,329.36
Privileges.			
Street railway excise tax.....	\$13,771.33		
Total.....	\$13,771.33		\$13,771.33
Departmental.			
GENERAL GOVERNMENT.			
City clerk, fees.....	\$2,004.15		
City collector, fees and costs.....	2,291.43		
City messenger, sales.....	1.00		
Engineering, sales.....	159.39		
Licensing board, fees.....	448.75		
Registrars of voters, fees.....	25.75		
Total.....	\$4,930.47		\$4,930.47
PROTECTION OF LIFE AND PROPERTY.			
Fire department, sales.....	\$390.80		
Fire department, services.....	25.00		
Police, inspection jitneys.....	98.00		
Police, special service.....	946.30		
Motor vehicle inspection.....	213.00		
Elevator inspection.....	26.00		
City sealer, fees.....	1,263.42		
Total.....	\$2,962.52		\$2,962.52
HEALTH AND SANITATION.			
Board of health, reimbursements.....	\$33,733.50		
Sewer entry fees.....	420.00		
Sewers and drains, service and supplies	9,560.30		
Total.....	\$43,713.80		\$43,713.80
HIGHWAYS AND BRIDGES.			
Service and supplies.....	\$19,288.60		
Highway construction.....		\$11,388.82	
Total.....	\$19,288.60	\$11,388.82	\$30,677.42

RECEIPTS.

SOURCES OF RECEIPTS.	Revenue for Expenses	Revenue for Outlays	Total
CHARITIES.			
Almshouse, sales of produce.....	\$2,496.15		
Reimbursements from persons.....	2,596.73		
Reimbursements from other towns....	4,224.85		
Reimbursements from State.....	23,164.89		
State account, mothers' aid.....	27,169.63		
Total.....	\$59,652.25		\$59,652.25
SOLDIERS BENEFITS.			
Burial of soldiers.....	\$350.00		
Military aid.....	1,234.50		
State aid.....	22,430.00		
Total.....	\$24,014.50		\$24,014.50
SCHOOLS.			
Public schools, sales.....	\$613.11		
Public schools, tuition.....	7,129.83		
Vocational school, tuition.....	5,225.60		
Total.....	\$12,968.54		\$12,968.54
LIBRARIES.			
Fines.....	\$1,236.92		
Sales.....	81.54		
Total.....	\$1,318.46		\$1,318.46
RECREATION.			
Bathing houses, fees.....	\$2,191.48		
Bathing houses, rent.....	786.00		
Bathing houses, sales.....	575.94		
Parks, rents.....	150.00		
Parks, sales.....	94.11		
Total.....	\$3,797.53	\$3,001.95	\$6,799.48
Total Departmental.....			\$187,037.44
UNCLASSIFIED.			
Emergency army supplies, sales.....	\$23,568.74		
Total.....	\$23,568.74		\$23,568.74

RECEIPTS.

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Public Service Enterprises.			
NEW BEDFORD WATER WORKS.			
Receipts from sales of water.....	\$366,679.27		
Receipts from other sources.....	22,182.89		
Total.....	\$388,862.16		\$388,862.16
DEPARTMENT OF WHARVES.			
Wharfage.....	\$2,823.72		
Dockage.....	90.00		
Rent.....	3,221.46		
Water.....	329.00		
Total.....	\$6,464.18		\$6,464.18
Total, Public Service Enterprises.....			\$395,326.34
Cemeteries.			
Care of lots and graves.....	\$20,247.01		
Sales of lots.....		\$11,730.00	
Sale of building.....		689.66	
Total Cemeteries.....	\$20,247.01	\$12,419.66	\$32,666.67
Interest.			
On deposits.....	\$12,594.82		
On assessments.....	638.52		
On deferred taxes.....	9,550.38		
On library funds.....	12,595.53		
On school funds.....	3,704.93		
Total, Interest.....	\$39,084.18		\$39,084.18

AUDITOR'S REPORT.

7

RECEIPTS

SOURCES OF RECEIPTS.	Revenue for Expenses	Indebtedness	Total
Municipal Indebtedness.			
Temporary revenue loans.....		\$3,150,000.00	
Cemetery bonds.....		10,000.00	
Fire station bonds.....		10,000.00	
Highway improvement bonds.....		453,000.00	
Highway macadam bonds.....		50,000.00	
Influenza emergency bonds.....		70,000.00	
Land and building bonds.....		72,064.17	
Municipal hospital bonds.....		200,000.00	
School purposes, bonds.....		160,000.00	
Sewer construction bonds.....		253,000.00	
Premiums on bonds.....		4,966.88	
Unpaid warrants of current year.....		274,187.12	
Total Municipal Indebtedness.....		\$4,707,218.17	\$4,707,218.17

RECEIPTS.

SOURCES OF RECEIPTS	Temporary Accounts	Total
Sinking Funds.		
From commissioners of sinking funds to pay maturing bonds.....	\$30,000.00	
Total, Sinking Funds.....	\$30,000.00	\$30,000.00
Agency and Trust Funds.		
AGENCY.		
State tax.....	\$321,233.00	
County tax.....	167,037.42	
Non-resident bank tax.....	35,736.89	
Liquor licenses for state.....	9,558.75	
TRUST.		
Cash discrepancies.....	\$263.88	
Cemeteries, perpetual care deposits	14,925.00	
Department advances returned	1,222.36	
Highway deposits.....	13,510.86	
Kempton fund advance returned.....	11,100.13	
Salary advances returned.....	27,512.20	
Sewer deposits.....	13,403.00	
Summons fees due collectors.....	12.00	
Total, Agency and Trust Funds....	\$615,515.49	\$615,515.49
Refunds.		
Accrued interest.....	\$11,781.38	
Sundry department.....	5,827.61	
Total, Refunds.....	\$17,608.99	\$17,608.99
Total, Cash Receipts.		\$10,004,841.17
Service interest and minor ransfer receipts.....		\$256,285.50
Total receipts.....		\$10,261,126.67
Cash at the beginning of the year....		680,022.83
Total.....		\$10,941,149.50

AUDITOR'S REPORT.

9

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
DEPARTMENTAL.			
General Government.			
CITY COUNCIL.			
Salaries of aldermen (6).....	\$600.00		
Salary clerk of common council.....	500.00		
Clerical services.....	389.00		
Compensation automobile inspector...	691.69		
Compensation of pages.....	198.00		
Advertising.....	777.83		
Carriage hire.....	224.50		
City council calendar	261.60		
City documents	860.15		
Committee expenses	184.85		
License rebates.....	359.00		
Printing and stationery.....	326.50		
Special services.....	150.00		
Miscellaneous charges.....	278.93		
Total.....	\$5,802.05		\$5,802.05
MAYOR.			
Salary of mayor.....	\$6,404.53		
Salary of secretary to mayor	1,344.00		
Chauffeur's wages.....	1,299.00		
Advertising	276.33		
Americanization and war charges....	1,633.65		
Entertainment of guests.....	339.90		
Furniture and fixtures	782.24		
Office expenses.....	433.18		
Office renovation	362.18		
Printing and stationery.....	557.64		
Special services.....	850.00		
Telephone and telegraph charges.....	297.73		
Traveling expenses.....	769.62		
Total.....	\$15,350.00		\$15,350.00
AUDITOR.			
Salary of auditor.....	\$3,041.66		
Clerk hire.....	3,312.31		
Expert services.....	1,379.72		
Office expenses.....	151.78		
Printing and stationery.....	1,480.18		
Telephone service.....	103.28		
Total.....	\$9,468.93		\$9,468.93

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
TREASURER AND COLLECTOR.			
Salary of treasurer and collector.....	\$3,541.59		
Clerk hire.....	13,110.98		
Driver for paymaster.....	188.00		
Carriage hire.....	1,237.15		
Furniture and fixtures.....	184.72		
Legal financial opinions.....	100.00		
Office and traveling expenses.....	303.66		
Postage.....	1,043.91		
Printing and stationery.....	2,101.55		
Surety bonds.....	780.85		
Telephone and telegraph charges.....	199.61		
Total.....	\$22,792.02		\$22,792.02
ASSESSORS.			
Salary of assessors (3).....	\$6,975.00		
Compensation of assistant assessors..	2,080.00		
Clerk hire.....	5,741.33		
Advertising, printing and stationery...	1,672.88		
Carriage hire.....	223.00		
Furniture and fixtures	98.91		
Office and traveling expenses.....	106.66		
Telephone charges.....	60.90		
Total.....	\$16,958.68		\$16,958.68
CITY CLERK.			
Salary of city clerk.....	\$3,063.95		
Salary of assistant city clerk.....	1,917.12		
Clerk hire	11,156.38		
Advertising.....	459.12		
Carriage hire.....	187.24		
Furniture and fixtures.	994.30		
License badges and plates.....	574.35		
Office and traveling expenses.....	296.10		
Postage.....	409.47		
Printing and stationery.....	2,279.65		
Telephone charges.....	176.95		
Total.....	\$21,514.63		\$21,514.63

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
CLERK OF COMMITTEES.			
Salary of clerk of committees.....	\$1,647.91		
Stenographer and clerk.....	1,328.85		
Advertising, printing and stationery...	493.86		
Furniture and fixtures.....	201.82		
Office and traveling expenses.....	156.33		
Telephone and telegraph charges.....	165.87		
Total.....	\$3,994.64		\$3,994.64
CITY SOLICITOR.			
Salary of city solicitor.....	\$3,000.00		
Office and traveling expenses.....	309.10		
Telephone charges.....	137.86		
Total.....	\$3,446.96		\$3,446.96
CITY MESSENGER.			
Salary of city messenger.....	\$127.81		
Pay rolls, municipal building.....	21,389.43		
Pensions.....	735.00		
Decorating municipal building.....	370.00		
Engine room supplies.....	758.74		
Flags.....	199.66		
Fuel.....	6,640.17		
Furniture and fixtures.....	257.31		
Ice supply.....	434.01		
Janitor and toilet supplies.....	897.26		
Laundry.....	126.83		
Light and power, commercial.....	1,301.16		
Machinery repairs.....	846.25		
Miscellaneous supplies and expenses...	182.44		
Stock and labor, building repairs....	552.51		
Telephone charges.....	138.75		
Water rates, municipal building.....	989.04		
Total.....	\$35,946.37		\$35,946.37

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
ELECTIONS.			
Pay of precinct officers.....	\$3,457.00		
Clerical services.....	45.00		
Janitor and watchmen.....	48.00		
Advertising.....	356.00		
Ballot boxes and voting booths.....	270.94		
Carriage hire.....	549.50		
Polling places, equipment.....	524.58		
Printing and stationery.....	1,772.73		
Rent of polling places.....	785.00		
Total.....	\$7,808.75		\$7,808.75
REGISTRAR OF VOTERS.			
Salaries of registrars (4).....	\$1,600.00		
Clerk hire.....	1,476.82		
Advertising.....	283.25		
Furniture and fixtures.....	187.01		
Office expenses.....	104.67		
Printing and stationery.....	1,796.58		
Telephone charges.....	129.28		
Total.....	\$5,577.61		\$5,577.61
LICENSING BOARD.			
Salaries of the board (3).....	\$1,500.00		
Clerk hire.....	1,174.00		
Advertising.....	24.12		
Printing and stationery.....	302.10		
Telephone charges.....	102.58		
Miscellaneous charges.....	19.24		
Total.....	\$3,122.04		\$3,122.04
SINKING FUND COMMISSIONERS.			
Salary of treasurer.....	\$300.00		
Rent of safe deposit boxes.....	60.00		
Special auditor.....	50.00		
Other expenses.....	33.37		
Total.....	\$443.37		\$443.37

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
ENGINEERING DEPARTMENT.			
Salary of city engineer.....	\$3,165.78		
Compensation of assistants.....	19,491.20		
War wages.....	1,217.65		
Clerk hire.....	1,301.00		
Instruments and drawing supplies....	515.44		
Furniture and fixtures.....	110.60		
Motor, and motor maintenance.....	507.90	\$ 840.00	
Office supplies and expenses.....	169.56		
Printing and stationery.....	385.55		
Miscellaneous, stock and labor.....	94.75		
Telephone charges.....	115.63		
Transportation charges.....	1,438.25		
Total.....	\$28,513.31	\$ 840.00	\$29,353.31
SUPERINTENDENT OF PUBLIC BUILDINGS, AND INSPECTOR OF BUILDINGS.			
Salary of superintendent.....	\$2,796.47		
Compensation of assistants.....	5,305.36		
Clerk hire.....	1,524.00		
Car tickets.....	110.00		
Motor maintenance and hire.....	354.21		
Office fixtures and expense.....	191.67		
Printing and stationery.....	353.91		
Telephone charges.....	142.48		
Total.....	\$10,778.10		\$10,778.10
CITY PROPERTY COMMITTEE.			
Advertising.....	\$339.54		
Committee expenses.....	101.50		
Alms house charges.....	214.50		
Fire station charges.....	185.93		
Library building charges.....	209.65		
Municipal building charges.....	265.34		
Playground charges.....	205.79		
Police station charges.....		\$1,143.84	
School buildings charges.....	25.01		
Ward room charges.....	79.88		
Total.....	\$1,627.14	\$1,143.84	\$2,770.98
Total, General Government.....			\$195,128.44

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Protection of Life and Property.			
POLICE DEPARTMENT.			
Payrolls, salaries and wages.....	\$309,041.09		
Keeper of lockup.....	100.00		
Pensions.....	6,247.37		
Substitute matron.....	40.00		
Fuel.....	3,010.53		
Furniture and fixtures.....	271.76		
Janitor supplies.....	439.86		
Laundry.....	200.84		
Lighting.....	1,186.01		
Meals for prisoners.....	204.02		
Motor vehicles and maintenance.....	3,650.82	\$3,173.15	
Printing and stationery.....	883.70		
Rent, women's lockup.....	25.60		
Repairs to stations.....	430.62		
Surgical and medical charges.....	314.23		
Telephone and telegraph charges.....	1,858.79		
Traveling and office expenses.....	440.52		
Uniform repairs and insignia.....	212.06		
Water rates.....	174.48		
Total.....	\$328,731.70	\$3,173.15	\$331,904.85
KWIATKOWSKI FUND.			
Payments to trustees.....	\$2,000.00		
Total.....	\$2,000.00		\$2,000.00
NEW CENTRAL POLICE STATION.			
Building contractor.....		\$23,284.14	
Furniture.....		491.05	
Granolithic walks.....		584.31	
Total.....		\$24,359.50	\$24,359.50
POLICE SIGNAL SYSTEM.			
Equipment.....		\$503.56	
Construction charges.....		468.48	
Total.....		\$972.04	\$972.04

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
FIRE DEPARTMENT.			
Payrolls, salaries and wages.....	\$219,626.98		
Apparatus repairs.....	3,965.36		
Electric power.....	541.95		
Fuel.....	9,965.30		
Hose and couplings.....	2,256.99		
Lighting.....	2,059.33		
Repairs to stations.....	2,289.67		
Signal system charges.....	3,710.62		
Supplies and furnishings.....	4,864.85		
Telephone service.....	747.33		
Miscellaneous charges.....	637.71		
Total.....	\$250,666.09		\$250,666.09
NEW CENTRAL FIRE STATION.			
Iron posts.....		\$856.05	
Total.....		\$856.05	\$856.05
ALTERATIONS, NO. 4 FIRE STATION.			
Contractor.....		\$2,001.50	
Total.....		\$2,001.50	\$2,001.50
MILITIA.			
Grading and other construction.....		\$1,142.32	
Ammunition.....	\$210.00		
Targets and stickers.....	341.54		
Telephone service.....	20.06		
Total.....	\$571.60	\$1,142.32	\$1,713.92
MILITARY ENROLLMENT.			
Headquarters, rent and lighting.....	\$335.38		
Total.....	\$335.38		\$335.38
MILITARY EQUIPMENT.			
Uniform supply.....	\$3.50		
Total.....	\$3.50		\$3.50

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
INSPECTOR OF WIRES.			
Salary of inspector	\$1,500.00		
Compensation of assistants.....	2,840.00		
Clerk hire.....	1,080.00		
Payroll, police signal system.....	2,722.48		
Police signal system charges.....	466.26		
Car tickets.....	150.00		
Motor car maintenance	1,398.63		
Office fixtures and furniture.....	92.26		
Office and traveling expenses.....	557.58		
Printing and stationery	395.12		
Telephone charges.....	189.22		
Total.....	\$11,391.55		\$11,391.55
SEALER OF WEIGHTS AND MEASURES.			
Salary of city sealer.....	\$1,677.01		
Compensation of assistants.....	2,459.99		
Clerk hire.....	788.00		
Advertising and printing.....	196.50		
Fixtures and furnishings.....	350.21		
Office and traveling expenses.....	64.20		
Teaming.....	899.01		
Tools and seals.....	374.11		
Telephone charges.....	152.72		
Total.....	\$6,961.75		\$6,961.75
CITY FORESTRY.			
Pay rolls, labor and teaming.....	\$9,748.73		
Miscellaneous supplies.....	909.30		
Supervision and use of tools.....	300.00		
Tools and fitting.....	279.68		
Total.....	\$11,237.71		\$11,237.71
Total, Protection of Life and Property			\$644,403.84

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Health and Sanitation.			
BOARD OF HEALTH.			
Salaries of the board (3).....	\$1,549.89		
Clerk hire.....	2,354.00		
Agent, salary.....	2,816.74		
Bacteriologists.....	2,283.32		
Department nurses.....	8,108.56		
Medical inspectors.....	1,500.00		
Medical school inspectors.....	4,232.47		
Medical school employment inspector.....	800.00		
Milk and slaughter inspector.....	1,700.00		
Milk examiners and fumigators.....	1,429.34		
Oculist.....	2,078.68		
Parochial school nurses.....	1,184.08		
Plumbing inspectors.....	3,605.14		
Sanitary inspectors.....	4,325.46		
Advertising, printing and stationery ..	1,627.10		
Ambulance.....		\$1,285.07	
Carriage hire and car tickets.....	1,038.55		
Chemical and medical supplies.....	2,015.46		
Garbage disposal, contractor.....	11,589.92		
Office supplies and expenses.....	1,603.82		
Port physician, transportation.....	186.00		
Telephone and telegraph charges.....	563.80		
Traveling expenses.....	718.33		
Vaccination fees.....	1,221.00		
Contagious diseases, hospitals.....	322.65		
" " nurses.....	1,269.61		
" " supplies.....	1,236.76		
" " survey.....	190.00		
Tuberculosis, hospitals.....	64,167.05		
" physicians.....	542.00		
" other towns.....	5,289.08		
" rents.....	208.00		
" supplies.....	3,802.78		
" transportation.....	345.82		
" clinic expenses.....	499.30		
Isolation hospital, wages.....	1,428.24		
" " nurses.....	84.00		
" " repairs.....	1,350.42		
" " supplies.....	985.47		
Pest house, attendants.....	85.00		
Total.....	\$140,337.84	\$1,285.07	\$141,622.91

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
GARBAGE COLLECTION.			
Collection contractor	\$38,499.76		
Collector, bonus	2,800.00		
Supervision.....	2,000.00		
Use of tools and repairs.	1,167.39		
Total.....	\$44,467.15		\$44,467.15
INSPECTOR OF ANIMALS :			
Allowance for expenses.....	\$100.00		
Total.....	\$100.00		\$100.00
CITY PHYSICIAN.			
Salary of city physician.....	\$916.61		
Total.....	\$916.61		\$916.61
DENTAL CLINIC.			
Attendant and caretaker	\$1,178.40		
Services of dentists.....	1,924.00		
Equipment expenses.....	450.30		
Supplies and miscellaneous.....	384.53		
Total.....	\$3,937.23		\$3,937.23
CITIZENS EMERGENCY COMMITTEE,			
INFLUENZA EPIDEMIC.			
Clerical services.....	\$210.85		
Nurses and assistants.....	3,346.57		
Orderlies.....	765.03		
Physicians.....	9,368.00		
Other services.....	1,083.03		
Advertising, printing and stationery..	771.86		
Beds and bedding.....	5,164.88		
Clothing.....	908.11		
Fitting temporary hospitals.....	5,420.18		
Furniture and furnishings.....	4,033.00		
Heat, light and power charges.....	4,157.05		
Laundry.....	3,646.79		
Medical supplies.....	3,410.58		
Provisions.....	7,293.95		
Telephone and telegraph charges.....	173.58		
Temporary homes.....	458.50		
Transportation and ambulance charges	5,551.12		
Miscellaneous supplies.....	96.13		
Total.....	\$55,859.21		\$55,859.21

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWERS AND DRAINS.			
Pay rolls, labor and teaming.....	\$27,478.34		
Brick, cement and pipe.....	16,046.85		
Castings.....	1,762.09		
Dredging dock.....	2,058.30		
Freight charges.....	4,483.76		
Miscellaneous supplies and service....	253.47		
Stock and labor, other accounts.....	5,919.22		
Total.....	\$58,002.03		\$58,002.03
SEWAGE DISPOSAL.			
Pay rolls, labor.....	\$14,326.62		
Pay rolls, accident account.....	1,641.33		
Pay rolls, war wages.....	29.08		
Car tickets.....	75.00		
Fuel.....	2,040.34		
Hardware and tools.....	285.17		
Light and power, electric.....	6,112.45		
Motor truck maintenance.....	452.14		
Miscellaneous supplies.....	347.62		
Repairs, stock and labor.....	959.50		
Stock and labor, other accounts.....	708.40		
Telephone charges.....	128.41		
Total.....	\$27,106.06		\$27,106.06
SEWER, CATCH BASINS.			
Pay rolls, labor.....		\$2,688.58	
Supplies and material.....		7,119.21	
Total.....		\$9,807.79	\$9,807.79
SEWER, ACUSHNET AVENUE AND ROCKLAND STREET.			
Pay rolls, labor.....		\$463.84	
Supplies and material.....		351.04	
Total.....		\$814.88	\$814.88
SEWER, AQUIDNECK STREET.			
Pay rolls, labor.....		\$2,295.93	
Supplies and material.....		1,532.62	
Total.....		\$3,828.55	\$3,828.55
SEWER, ARLINGTON STREET.			
Pay rolls, labor.....		\$223.95	
Supplies and material.....		165.18	
Total.....		\$389.13	\$389.13

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWER, ARLINGTON AND CONCORD STREET.			
Pay rolls, labor.....		\$711.30	
Supplies and material.....		344.46	
Total.....		\$1,055.76	\$1,055.76
SEWER, AVON STREET.			
Supplies and material.....		\$179.20	
Total.....		\$179.20	\$179.20
SEWER, BELLEVILLE AVENUE.			
Payrolls, labor		\$2,304.23	
Supplies and material.....		636.40	
Total.....		\$2,940.63	\$2,940.63
SEWER, BOLTON, FRANK AND HEMLOCK STREETS.			
Payrolls, labor		\$4,359.88	
Supplies and material.....		7,191.43	
Total.....		\$11,551.31	\$11,551.31
SEWER, BOLTON STREET, PASSAIC MILL PROPERTY.			
Payrolls, labor		\$2,518.24	
Supplies and material.....		2,149.14	
Total.....		\$4,667.38	\$4,667.38
SEWER, BOWDITCH STREET.			
Payrolls, labor		\$10,904.67	
Supplies and material.....		3,218.05	
Total.....		\$14,122.72	\$14,122.72
SEWER, BRANSCOMB STREET.			
Payrolls, labor		\$466.77	
Supplies and material.....		490.98	
Total.....		\$957.75	\$957.75
SEWER, CARROLL STREET.			
Payrolls, labor		\$3,943.86	
Supplies and material.....		1,103.95	
Total.....		\$5,047.81	\$5,047.81
SEWER, CENTRAL STREET.			
Payrolls, labor		\$864.78	
Supplies and material.....		480.98	
Total.....		\$1,345.76	\$1,345.76

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWER, CHURCH STREET.			
Payrolls, labor		\$17,913.88	
Supplies and material.....		9,953.71	
Total.....		\$27,867.59	\$27,867.59
SEWER, CLINTON STREET.			
Payrolls, labor		\$736.82	
Supplies and material.....		183.12	
Total.....		\$919.94	\$919.94
SEWER, CRAPO-MOSHER STREETS.			
Payrolls, labor		\$745.08	
Supplies and material.....		1,282.44	
Total.....		\$2,027.52	\$2,027.52
SEWER, FRANK STREET.			
Supplies and material.....		\$208.52	
Total.....		\$208.52	\$208.52
SEWER, GIFFORD STREET.			
Payrolls, labor		\$171.75	
Supplies and material.....		628.92	
Total.....		\$800.67	\$800.67
SEWER, GROVE STREET.			
Payrolls, labor		\$760.91	
Supplies and material.....		260.79	
Total.....		\$1,021.70	\$1,021.70
SEWER, HARWICH STREET.			
Payrolls, labor		\$5,054.23	
Supplies and material.....		4,425.83	
Total.....		\$9,480.06	\$9,480.06
SEWER, HOWLAND STREET.			
Payrolls, labor		\$1,119.18	
Supplies and material.....		2,192.98	
Total.....		\$3,312.16	\$3,312.16
SEWER, JENKINS STREET.			
Payrolls, labor		\$2,609.35	
Supplies and material.....		677.87	
Total.....		\$3,287.22	\$3,287.22

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWER, LIBERTY-SMITH STREETS.			
Payrolls, labor		\$4,708.80	
Supplies and material.....		2,510.21	
Total.....		\$7,219.01	\$7,219.01
SEWER, MANOMET STREET.			
Payrolls, labor		\$809.10	
Supplies and material.....		2,285.12	
Total.....		\$3,094.22	\$3,094.22
SEWER, MYRTLE STREET.			
Payrolls, labor		\$8,077.94	
Supplies and material.....		2,216.83	
Total.....		\$10,294.77	\$10,294.77
SEWER, PALMER STREET.			
Payrolls, labor		\$647.38	
Supplies and material.....		137.50	
Total.....		\$784.88	\$784.88
SEWER, PLYMOUTH STREET.			
Payrolls, labor		\$3,982.91	
Supplies and material.....		1,115.20	
Total.....		\$5,098.11	\$5,098.11
SEWER, POTTER STREET.			
Payrolls, labor		\$570.05	
Supplies and material.....		201.95	
Total.....		\$772.00	\$772.00
SEWER, QUERY STREET.			
Payrolls, labor		\$9.80	
Total.....		\$9.80	\$9.80
SEWER, WINTERVILLE ROAD.			
Payrolls, labor		\$1,550.62	
Supplies and material.....		1,275.50	
Total.....		\$2,826.12	\$2,826.12
SEWER, WOOD STREET.			
Payrolls, labor		\$1,468.44	
Supplies and material.....		1,372.22	
Total.....		\$2,840.66	\$2,840.66
VITAL STATISTICS.			
Advertising printing and stationery.	\$460.65		
Canvass by city clerk.....	1,055.52		
Birth and death returns.....	1,757.55		
Total.....	\$3,273.72		\$3,273.72
Total, Health and Sanitation.....			\$474,714.14

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Highways and Bridges.			
HIGHWAYS.			
Pay rolls, salaries and office.....	\$15,589.61		
Pay rolls, labor and teaming.....	352,800.00		
Pay rolls, war wages.....	6,052.66		
Pay rolls, pensions.....	1,528.28		
Pay rolls, compensation.....	7,349.42		
Accident account.....	418.95		
Building repairs and maintenance....	3,401.92		
Dust prevention charges.....	13,403.64		
Equipment, repairs and charges.....	27,415.75	\$5,400.00	
Motors, maintenance and repairs....	31,292.62		
Office supplies and expenses.....	1,979.51		
Road repair charges.....	104,535.52		
Sidewalk repairs.....	6,526.29		
Street cleaning charges.....	1,717.76		
Teaming supplies and charges.....	12,536.73		
Tools and repair charges.....	5,369.62		
Total.....	\$591,918.28	\$5,400.00	\$597,318.28
HIGHWAY IMPROVEMENT.			
Pay rolls, labor and teaming.....		\$127,492.56	
Cement.....		1,624.98	
Curbing.....		17,142.98	
Explosives.....		1,604.25	
Fender pier.....		10,716.72	
Gifford street bulkhead.....		2,132.60	
Granolithic walks, contractor.....		12,422.41	
Land damages.....		1,875.00	
Paving contractors.....		201,041.36	
Paving material.....		22,936.77	
Plant maintenance and repairs.....		9,625.88	
Rolling.....		10,064.76	
Stone.....		59,555.18	
Supervision and use of tools.....		21,500.00	
Supplies, construction charges.....		1,205.63	
Total.....		\$500,941.08	\$500,941.08
HIGHWAYS, MACADAM.			
Pay rolls, labor.....		\$6,477.55	
Broken stone.....		30,361.00	
Gravel.....		964.81	
Rolling.....		4,695.19	
Sand.....		980.18	
Screenings.....		3,040.70	
Supplies, miscellaneous.....		2.54	
Tar binder.....		9,213.03	
Teaming.....		1,389.95	
Warren Brothers, contractors.....		18,107.84	
Total.....		\$75,232.79	\$75,232.79

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
BRIDGES.			
Pay rolls, labor.....	\$11,897.32		
Electric light and power, drawbridge..	253.00		
Miscellaneous supplies,.....	352.53		
Stock and labor, repairs	7,977.12		
Telephone charges.....	53.50		
Total.....	\$20,533.47		\$20,533.47
POPE'S ISLAND SEA WALL.			
■ Advertising		\$8.48	
Barrels		49.50	
Wire fence		23.40	
Bulkhead, contractor		8,598.90	
Total.....		\$8,680.28	\$8,680.28
HOWLAND STREET EXTENSION			
Bulkhead, contractor.....		\$1,827.50	
Total.....		\$1,827.50	\$1,827.50
CITY YARD LAND			
Burns land		\$2,633.70	
Carroll land.....		45,148.65	
Howard land.....		7,108.05	
Total.....		\$54,890.40	\$54,890.40
BOARD OF SURVEY.			
Advertising.....	\$46.39		
Total.....	\$46.39		\$46.39
STREET LIGHTING.			
Salary of superintendent.....	\$1,000.00		
Damages, broken lamps.....	325.43		
Electric lighting.....	72,754.35		
Gas lighting.....	43,470.79		
Lighting clock tower.....	200.00		
Miscellaneous expenses.....	58.66		
Total.....	\$117,809.23		\$117,809.23
HARBOR MASTER.			
Salary of harbor master.....	\$358.31		
Use of boat.....	52.00		
Total.....	\$410.31		\$410.31
Total, Highways and Bridges			\$1,377,689.73

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Charities.			
POOR DEPARTMENT.			
Salaries, overseers and secretary.....	\$3,182.96		
Salaries, clerks and visitors.....	8,646.90		
War wages.....	172.16		
Office and traveling expenses.....	1,512.51		
Almshouse, salaries and wages.....	21,520.39		
Almshouse, maintenance charges.....	48,875.69		
Outside relief, burials.....	1,731.00		
“ “ cash.....	24,453.74		
“ “ clothing.....	1,954.90		
“ “ fuel.....	6,595.98		
“ “ homes.....	3,234.80		
“ “ hospitals.....	15,228.23		
“ “ other towns.....	2,691.68		
“ “ physicians and medicines	5,412.84		
“ “ nursing.....	113.58		
“ “ provisions.....	38,601.35		
“ “ rents.....	294.00		
“ “ state institutions.....	1,829.65		
“ “ transportation.....	541.15		
Mothers aid, cash.....	65,457.56		
“ “ fuel.....	1,034.92		
“ “ hospital and medicines..	1,256.61		
“ “ merchandise.....	2,783.61		
“ “ other towns.....	1,109.64		
Total.....	\$258,235.85		\$238,235.85
MUNICIPAL HOSPITAL			
Advertising.....		\$190.97	
Caretaking.....		1,502.68	
Cellar excavation.....		40,338.24	
Water service installation.....		6,753.52	
Total.....		\$48,785.41	\$48,785.41
Total, Charities.....			\$307,021.26

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Soldiers Benefits.			
BURIAL OF SOLDIERS.			
Burial agents.....	\$8.00		
Undertakers.....	192.00		
Total.....	\$200.00		\$200.00
MILITARY AID.			
Cash disbursements.....	\$2,386.00		
Total.....	\$2,386.00		\$2,386.00
SOLDIERS RELIEF.			
Salary of agent.....	\$1,274.45		
Clerk hire.....	981.00		
Compensation of physicians.....	643.00		
Cash disbursements.....	8,178.30		
Fuel.....	4,781.08		
Medical supplies.....	468.59		
Office supplies and expenses.....	236.06		
Provisions.....	10,129.00		
Telephone charges.....	138.08		
Total.....	\$26,829.56		\$26,829.56
STATE AID.			
Cash disbursements.....	\$15,097.59		
Total.....	\$15,097.59		\$15,097.59
SOLDIERS AND SAILORS GRAVES,			
Fitting and care of graves.....	\$290.50		
Total.....	\$290.50		\$290.50
SOLDIERS TAX EXEMPTIONS.			
Net state charges.....	\$652.90		
Total.....	\$652.90		\$652.90
RENT, G. A. R. HEADQUARTERS.			
William Logan Rodman Post 1.....	\$375.00		
Richard A. Peirce Post 190.....	375.00		
Total.....	\$750.00		\$750.00
Total, Soldiers Benefits.....			\$46,206.55

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Education.			
PUBLIC SCHOOLS, PAY OF TEACHERS.			
Pay rolls, day schools.....	\$546,046.01		
Pay rolls, evening schools	12,199.00		
Pay rolls, summer schools	847.50		
Total.....	\$559,092.51		\$559,092.51
PUBLIC SCHOOLS, INCIDENTALS.			
Salary of superintendent	\$ 4,538.46		
Other general salaries.....	18,388.49		
Janitors salaries.....	43,016.44		
Janitor, war wages	152.67		
Janitor, pension.....	124.93		
Engineers and firemen, high school....	6,304.04		
Cleaners, high school	4,031.63		
Books and stationery supplies.....	19,877.26		
Cooking school supplies.....	936.53		
County training school.....	609.94		
Expenses, freight and carting	543.40		
Fuel.....	32,224.17		
Furniture and furnishings.....	2,464.88		
Janitor supplies.....	3,278.08		
Lighting charges.....	2,614.21		
Manual training school charges	810.31		
Office supplies and expenses.....	572.15		
Printing.....	1,693.83		
Service and supplies, miscellaneous....	250.90		
Telephone service.....	592.88		
Transportation of pupils.....	2,256.50		
Water service	3,477.12		
Total.....	\$148,758.82		\$148,758.82
PUBLIC SCHOOLS, REPAIRS OF BUILDINGS.			
Care of grounds.....	\$1,767.29		
Carpentry.....	630.68		
Heating repairs.....	3,289.45		
Electric repairs and supplies.....	1,068.19		
Hardware.....	149.63		
Mason work.....	1,617.66		
Painting and glazing.....	3,011.40		
Plumbing and water fixtures.....	1,163.87		
Roofing.....	970.86		
Supplies, miscellaneous building.....	427.75		
Total.....	\$14,096.78		\$14,096.78
PUBLIC SCHOOLS, DOG FUND			
Musical instruments and supplies.....	\$496.54		
Motor car maintenance.....	1,211.08		
Flag poles and repairs.....	106.80		
Postage and box rent.....	153.70		
Street car tickets.....	100.00		
Traveling expenses.....	476.65		
Miscellaneous service and supplies.....	113.95		
Total.....	\$2,658.72		\$2,658.72

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
PUBLIC SCHOOLS, BOURNE PRIZE FUND.			
Cash prizes for essays.....	\$60.00		
Total.....	\$60.00		\$60.00
PUBLIC SCHOOLS, HOWLAND FUND.			
Books, maps and periodicals.....	\$2,272.82		
Lectures.....	200.00		
Musical instruments and music supplies	765.44		
Teachers association grant.....	200.00		
Total.....	\$3,438.26		\$3,438.26
NEW BEDFORD VOCATIONAL SCHOOL.			
Pay rolls, director and instructors	\$34,164.42		
Pay rolls, janitor and assistants.....	2,359.10		
Special services.....	194.40		
Advertising and printing.....	517.81		
Books and stationery.....	887.03		
Classroom and shop supplies.....	5,906.50		
Equipment and furnishings.....		\$998.93	
Fuel.....	1,660.32		
Insurance, boiler.....	110.00		
Light and power charges.....	737.59		
Office and traveling expenses.....	529.32		
Repairs and replacements.....	518.17		
Rent.....	3,000.00		
Stock and labor, outside mechanics...	218.95		
Water supply.....	197.46		
Total.....	\$51,001.07	\$998.93	\$52,000.00
VOCATIONAL SCHOOL, SMITH-HUGHES FUND.			
Salaries and wages	\$2,653.52		
Total.....	\$2,653.52		\$2,653.52
NEW BEDFORD TEXTILE SCHOOL.			
Paid to Commonwealth.....	\$10,000.00		
Total.....	\$10,000.00		\$10,000.00
NEW ONE STORY SCHOOLHOUSE.			
General contractor, balance.....		\$715.00	
Total.....		\$715.00	\$715.00
OLD HIGH SCHOOL			
Architect, on account.....		\$10,530.62	
Total.....		\$10,530.62	\$10,530.62

PAYMENTS.

OBJECTS OF PAYMENTS.	Expenses	Outlays	Totals
SOUTH END SCHOOLHOUSE			
Architect.....		\$6,537.42	
Building contractor.....		85,365.50	
Cellar, excavating.....		9,514.20	
Drain laying.....		184.63	
Water service.....		234.11	
Total.....		\$101,835.86	\$101,835.86
PORTABLE SCHOOL BUILDINGS			
Two furnished school buildings		\$6,540.60	
Total.....		\$6,540.60	\$6,540.60
SCHOOL FURNISHINGS.			
Furniture and fixtures.....		\$1,509.86	
Total.....		\$1,509.86	\$1,509.86
HOME ECONOMICS EXTENSION.			
Canning fixtures	\$ 5.30		
Conference expenses.....	21.79		
Groceries and vegetables	16.18		
Personal services.....	55.25		
Printing and stationery.....	41.75		
Total.....	\$140.27		\$140.27
Total, Schools			\$914,030.82

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Libraries.			
FREE PUBLIC LIBRARY.			
Salaries and wages.....	\$34,257.86		
Furniture and furnishings.....	276.47		
Insurance	111.00		
Janitor supplies.....	222.41		
Laundry.....	49.54		
Lighting and heating charges.....	1,118.47		
Miscellaneous service and supplies,..	500.55		
Printing and stationery.....	280.67		
Telephones charges.....	65.88		
Transportation charges	215.81		
Water supply.....	122.68		
Total.....	\$37,221.34		\$37,221.34
LIBRARY, DOG FUND.			
Salaries and wages	\$2,261.80		
Furniture and furnishing.....	198.62		
Janitor supplies.....	53.67		
Laundry.....	20.48		
Lighting and heating charges	71.77		
Printing and stationery	43.60		
Transportation charges	60.49		
Water supply.....	7.04		
Total.....	\$2,717.47		\$2,717.47
LIBRARY, JAMES B. CONGDON FUND.			
Books	\$19.70		
Total.....	\$19.70		\$19.70
LIBRARY, G. O. CROCKER FUND.			
Salaries and wages.....	\$196.25		
Total.....	\$196.25		\$196.25
LIBRARY, OLIVER CROCKER FUND.			
Salaries and wages.....	\$33.07		
Telephone charges.....	5.00		
Total.....	\$38.07		\$38.07
LIBRARY, G. HOWLAND, JR., FUND.			
Books.....	\$60.92		
Total.....	\$60.92		\$60.92
LIBRARY, S. A. HOWLAND FUND.			
Americanization meetings.....	\$ 74.00		
Book binding.....	53.90		
Books.....	483.03		
Lectures.....	887.00		
Library supplies	16.27		
Printing.....	205.36		
Total.....	\$1,719.56		\$1,719.56

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
LIBRARY, KEMPTON FUND.			
Book binding.....	\$2,080.91		
Books and periodicals.....	8,984.18		
Printing and stationery.....	626.12		
Research work, labor	384.00		
Miscellaneous charges.....	268.89		
Total.....	\$12,344.10		\$12,344.10
LIBRARY, CHARLES W. MORGAN FUND.			
Books	\$28.85		
Total.....	\$28.85		\$28.85
LIBRARY, CHARLES L. WOOD FUND.			
Binding.....	\$40.05		
Books.....	53.82		
Total.....	\$93.87		\$93.87
Total, Libraries.....			\$54,440.13

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Recreation.			
PARK COMMISSION.			
Pay rolls, labor and superintendence..	\$34,233.27		
Accident compensation	434.00		
Pension account.....	1,386.98		
War wages	326.74		
Architect fees.....	526.60		
Animal supplies.....	1,022.33		
Buildings, fixtures and repairs.....	1,767.71	\$1,472.82	
Caretaker.....	193.70		
Care Triangle park.....	50.00		
Carriage hire and car tickets.....	47.40		
Flags and flag poles.....	616.08		
Fuel.....	764.78		
Hardware and tools.....	792.85		
Lighting.....	505.74		
Motor car exchange and maintenance..	1,575.96		
Office expenses and supplies.....	314.70		
Plants, seeds and shrubs.....	441.57		
Ploughing and filling.....	512.31		
Printing and stationery.....	398.32		
Rent of land.....	265.00		
Supplies, miscellaneous.....	199.95		
Telephone and telegraph charges.....	251.96		
Water supply	817.21		
Total.....	\$47,445.16	\$1,472.82	\$48,917.98
PLAYGROUNDS.			
Pay rolls, attendants.....	\$2,552.25		
Apparatus and fixtures	216.70		
Car hire.....	65.00		
Repairs and supplies.....	63.13		
Total.....	\$2,897.08		\$2,897.08
PUBLIC BATHING HOUSES.			
Pay rolls, attendants.....	\$5,386.32		
Advertising.....	96.01		
Beach cleaning.....	1,080.00		
Committee expenses.....	62.60		
Furnishings.....	1,247.36		
Laundry.....	1,089.64		
Lighting.....	61.87		
Stock and labor, fitting.....	979.06		
Miscellaneous supplies and service....	168.39		
Water supply.....	180.51		
Total.....	\$10,351.76		\$10,351.76

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
FOURTH OF JULY.			
Advertising.....	\$ 527.23		
Americanization committee.....	114.49		
Badges.....	654.51		
Bands.....	1,688.00		
Band stands.....	393.07		
Banquet committee.....	7,062.97		
Bell ringing.....	34.00		
Car hire.....	469.20		
Chair hire.....	50.75		
Decorations.....	250.00		
Entertainment of guests.....	17.50		
Fireworks and expenses.....	3,039.00		
Miscellaneous expenses.....	262.13		
Printing and stationery.....	702.52		
Sports committee.....	39.75		
Stenography and clerk hire.....	165.50		
Total.....	\$15,470.62		\$15,470.62
Total, Recreation, Etc.....			\$77,637.44

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Unclassified.			
COMMITTEE ON CLAIMS.			
Damages awarded.....	\$ 94.50		
Advertising.....	1.20		
Stenography.....	6.00		
Total.....	\$101.70		\$101.70
COURT JUDGMENTS.			
Executions for land damages.....		\$250.00	
Executions for personal damages.....	\$400.00		
Total.....	\$400.00	\$250.00	\$650.00
LABOR SERVICE REGISTRAR.			
Compensation of registrar.....	\$412.39		
Printing and stationery.....	61.81		
Total.....	\$474.20		\$474.20
MEMORIAL DAY.			
Advertising.....	\$86.10		
Carriage hire.....	12.00		
Decorations.....	582.25		
Miscellaneous charges.....	7.00		
Music.....	410.00		
Printing and stationery.....	27.30		
Rent of hall.....	12.00		
Special street cars.....	60.40		
Total.....	\$1,197.05		\$1,197.05
PREMIUMS ON BONDS.			
Legal opinions.....	\$1,055.00		
Bond account.....	1,815.39		
Total.....	\$2,870.39		\$2,870.39
COMMUNITY SOCIAL CENTRES.			
Salary of director.....	\$384.60		
Clerical services.....	13.00		
Stationery supplies.....	14.40		
Traveling expenses.....	66.64		
Total.....	\$478.64		\$478.64
OPERATION OF TROLLEY LINE			
Use of tracks.....	\$400.00		
Total.....	\$400.00		\$400.00
EMERGENCY SUPPLIES, C. 205, 1918.			
Army supplies, resold.....	\$19,598.65		
Total.....	\$19,598.65		\$19,598.65
Total, Unclassified.....			\$25,770.63

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Public Service Enterprises.			
NEW BEDFORD WATER WORKS.			
Salaries, superintendent and office....	\$34,886.36		
War wages.....	2,083.39		
Other salaries and wages.....	72,025.87	\$22,985.71	
Extensions and equipment.....		47,518.46	
Maintenance and repair charges.....	45,331.98		
Bonds paid.....	19,000.00		
Interest on debt.....	70,860.00		
Sinking fund requirements.....	27,900.00		
Rebates.....	384.41		
Total.....	\$272,472.01	\$70,504.17	\$342,976.18
DEPARTMENT OF WHARVES.			
Wharfinger, fees.....	\$480.88		
Pension account.....	323.25		
Repairs.....	154.91		
Water supply.....	65.26		
Interest on debt.....	2,280.00		
Total.....	\$3,304.30		\$3,304.30
Total, Public Service Enterprises.....			\$346,280.48

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Cemeteries.			
CEMETERY BOARD.			
Salaries, superintendent and clerks...	\$5,198.64		
Pay rolls, labor and teaming.....	32,574.95		
Accident account, compensation	403.30		
Pension account.....	349.44		
War wages.....	662.49		
Advertising, printing and stationery..	537.57		
Fuel.....	527.23		
Ground keeping supplies.....	2,047.20		
Hardware, tools and fittings.....	1,112.94		
Local car tickets.....	120.00		
Motor car maintenance.....	778.60		
Office supplies and expenses.....	36.10		
Stock and labor on buildings.....	1,761.89		
Supplies, miscellaneous.....	132.71		
Telephone charges.....	227.36		
Water supply.....	183.95		
Total.....	\$46,654.37		\$46,654.37
CEMETERIES, SALE OF LOTS.			
Pay rolls, labor.....		\$12,966.42	
Stock and labor, buildings.....		3,917.11	
Total.....		\$16,883.53	\$16,883.53
CEMETERY, OFFICE BUILDING.			
Architect fees.....		\$ 262.95	
Contractor, construction.....		4,455.05	
Miscellaneous construction supplies...		1,468.00	
Total.....		\$6,186.00	\$6,186.00
RURAL CEMETERY LAND.			
Cunha land.....		\$3,000.00	
Wood land.....		6,302.00	
Total.....		\$9,302.00	\$9,302.00
Total, Cemeteries.....			\$79,025.90

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Indebtedness	Total
Interest.			
On Bourne prize fund.....	\$ 15.00		
On cemetery funds expended.....	1,604.10		
On bonded debt.....	361,078.99		
On temporary loans.....	88,057.55		
Total.....	\$450,755.64		\$450,755.64
Municipal Indebtedness.			
Bonds paid from assessments.....	\$19,565.74		
Bonds paid from revenue	693,052.03		
Bonds paid from sinking funds.....	30,000.00		
Notes paid, temporary loan, 1918.....		\$990,000.00	
Notes paid, temporary loan, 1919.....		2,400,000.00	
Unpaid warrants of prior years.....		248,419.56	
Total.....	\$742,617.77	\$3,638,419.56	\$4,381,037.33
Total, Interest and Indebtedness.....			\$4,831,792.97

OBJECTS OF PAYMENTS.	From Revenue	From Non Revenue	Total
Sinking Funds.			
Appropriation of revenue paid to the commissioners of sinking funds.....	\$24,972.00		
Total.....	\$24,972.00		\$24,972.00
Total, Sinking Funds.....			\$24,972.00

PAYMENTS.

	Temporary Accounts	
Agency, Trust and Investment.		
AGENCY.		
County taxes.....	\$167,037.42	
State tax.....	321,233.00	
Non-resident bank tax.....	35,736.89	
Liquor licenses for State.....	9,558.75	
TRUST.		
Cash discrepancies.....	536.48	
Cemetery perpetual care deposits.....	14,925.00	
Cemetery 6% income disbursed.....	1,216.90	
Department advances.....	1,222.36	
Highway deposits.....	11,155.71	
Kempton fund advances.....	9,303.12	
Salary advances.....	26,550.18	
Sewer deposits.....	9,831.00	
Summons fees due collectors.....	33.00	
Total.....	\$608,339.81	
Total, Agency, Trust and Investment		\$608,339.81
Total.....		\$10,007,454.14
Cash at the end of the year.....		933,695.36
Total.....		\$10,941,149.50

AUDITOR'S REPORT.

39

CLASSIFICATION	Revenue for Expenses	Revenue for Other Purposes	Expenses	Outlays and Special Charges
Taxes.....	\$3,849,622.57			
Licenses and permits.....	46,861.10			
Fines and forfeits.....	5,815.31			
Grants and gifts.....	29,415.48			
Special assessments.....		\$11,329.36		
Privileges.....	13,771.33			\$1,983.84
General government.....	4,930.47		\$193,144.60	
Protection of life and prop- erty.....	2,962.52		611,242.13	32,504.55
Health and sanitation.....	43,713.80		311,327.90	136,931.66
Highways and bridges.....	19,288.60	11,388.82	552,416.80	622,426.10
Charities.....	59,652.25		255,716.06	48,785.41
Soldiers benefits.....	24,014.50		46,206.55	
Schools.....	12,968.54		791,900.55	122,130.27
Libraries.....	1,318.46		54,440.13	
Recreation.....	3,797.53	3,001.95	76,164.62	1,472.82
Unclassified.....	23,568.74		23,705.24	250.00
Public service enterprises....	395,326.34		328,276.86	
Cemeteries.....	20,747.01	12,419.66	45,146.97	31,509.90
Interest.....	39,084.18		449,136.54	
Municipal indebtedness.....		4,707,218.17	742,617.77	3,638,419.56
Sinking funds.....		30,000.00	24,972.00	
Agency, trust and investment		615,515.49		608,339.81
Duplications and refunds....	256,285.50	17,608.99	233,350.89	22,934.61
Totals.....	\$4,852,644.23	\$5,408,482.44	\$4,739,765.61	\$5,267,688.53
Revenue for expenses.....	\$4,852,644.23		Current expenses.....	\$4,739,765.61
Revenue for other purposes....	5,408,482.44		Outlays and other charges.....	5,267,688.53
Total receipts.....	\$10,261,126.67		Total expenditures.....	\$10,007,454.14
Cash at beginning of the year	680,022.83		Cash at end of year.....	933,695.36
				\$10,941,149.50

BALANCE SHEET OF THE CITY OF NEW BEDFORD
NOVEMBER 30, 1919.

ASSETS.

Cash in treasury.....	\$933,695.36
Taxes receivable.....	368,648.96
Due from Commonwealth.....	16,029.02
Due for advances on special accounts.....	81,476.40
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Current assets.....	\$1,399,849.74
Kempton fund, cash and investments.....	262,773.13
Cemetery savings banks deposits.....	249,543.02
Library and school funds invested.....	119,794.45
Sinking funds, cash and investments.....	2,204,334.95
Constructions authorized, not expended.....	340,244.01
City property, as scheduled.....	19,328,803.52
	<hr/>
Total assets.....	\$23,905,342.82

LIABILITIES.

Accounts payable.....	\$274,187.12
Notes payable, temporary loans.....	750,000.00
Overlay account, tax reserve.....	31,157.64
Balances, municipal utilities accounts.....	115,341.26
Balances, special accounts.....	557.18
Balances, trust fund income accounts.....	8,929.21
Balances, deposit accounts.....	14,034.59
Balances, debt reservations.....	10,491.16
Balances, construction accounts.....	197,867.19
Balances, revenue accounts.....	22,011.25
	<hr/>
Current liabilities.....	\$1,424,576.60
Kempton fund.....	\$262,773.13
Cemetery perpetual care funds.....	276,277.95
Library and school funds.....	119,794.45
Loan proceeds appropriated, bonds not issued.....	232,000.00
Bonds outstanding.....	10,733,385.90
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Total liabilities.....	\$13,048,808.03
Balance, public property.....	10,856,534.79
	<hr/>
	\$23,905,342.82

STATEMENT OF THE BONDED DEBT AND SINKING FUNDS OF THE CITY OF NEW BEDFORD,
NOVEMBER 30, 1919.

LOANS	Date	Interest		How Payable	When Due	Amount Outstanding	Sinking Funds	Net Bonded Debt
		Rate	Payable					
Further Water Supply.	April 1, 1894	4	Oct. Apr.	From Sinking Funds.	April 1, 1924	120,000.00	\$112,275.11	\$7,724.89
	Dec. 15, 1894	4	Apr. Oct.	" " " "	Dec. 15, 1924	200,000.00		
	Apr. 1, 1896	4	Oct. Apr.	" " " "	Apr. 1, 1926	200,000.00		
	Jan. 1, 1897	4	July Jan.	" " " "	Jan. 1, 1927	600,000.00	965,382.01	234,617.99
Duplicate Water Supply Main.	June 1, 1900	3 1/2	Dec. June	" " " "	June 1, 1930		34,260.93	17,339.07
	June 1, 1910	4	Dec. June	From Water Rates.	June 1, (3)	105,000.00		105,000.00
Water Works, C. 65, 1911.	Sept. 1, 1910	4	Sept. May	" " " "	Sept. 1, (3)	63,000.00		63,000.00
	May 1, 1911	4	Oct. May	" " " "	May 1, (3)	110,000.00		110,000.00
Highway Improvements.	Mar. 1, 1884	4	Nov. May	" " " "	May 1, (6)	118,000.00		118,000.00
Highway Improvements.	July 1, 1912	4	Jan. July	From Taxes.	Oct. 1, 1894	1,000.00		1,000.00
Highway Improvements Loan No. 2, 1911.	Oct. 1, 1911	4	Apr. Oct.	From Sinking Funds.	Oct. 1, 1920		50,000.00	
Highways, Loan No. 3, 1914 (II. Perm. Imp.)	Oct. 1, 1914	4	Apr. Oct.	From Taxes.	Oct. 1, (1)	2,000.00		2,000.00
Highways, Permanent Improvement, Loan No. 1, 1915	Oct. 1, 1914	4	Apr. Oct.	" " " "	Oct. 1, (2)	60,000.00		60,000.00
	Mar. 1, 1915	4	Mar. Sept.	" " " "	Mar. 1, (12)	72,000.00		72,000.00
	No. 2, 1915	4	July Jan.	" " " "	July 1, (3)	36,000.00		36,000.00
	No. 3, 1915	4	Oct. Apr.	" " " "	Oct. 1, (3)	36,000.00		36,000.00
	No. 4, 1915	4	Jan. July	" " " "	Jan. 1, (3)	36,000.00		36,000.00
	No. 5, 1915	4	Apr. Oct.	" " " "	Apr. 1, (3)	36,000.00		36,000.00
	No. 6, 1915	4	July Jan.	" " " "	July 1, (3)	36,000.00		36,000.00
	No. 7, 1915	4	Oct. Apr.	" " " "	Oct. 1, (3)	36,000.00		36,000.00
	No. 8, 1915	4	Jan. July	" " " "	Jan. 1, (3)	36,000.00		36,000.00
	No. 9, 1915	4	Apr. Oct.	" " " "	Apr. 1, (3)	36,000.00		36,000.00
	No. 10, 1915	4	July Jan.	" " " "	July 1, (3)	36,000.00		36,000.00
	No. 11, 1915	4	Oct. Apr.	" " " "	Oct. 1, (3)	36,000.00		36,000.00
	No. 12, 1915	4	Jan. July	" " " "	Jan. 1, (3)	36,000.00		36,000.00
	No. 13, 1915	4	Apr. Oct.	" " " "	Apr. 1, (3)	36,000.00		36,000.00
	No. 14, 1915	4	July Jan.	" " " "	July 1, (3)	36,000.00		36,000.00
	No. 15, 1915	4	Oct. Apr.	" " " "	Oct. 1, (3)	36,000.00		36,000.00
	No. 16, 1915	4	Jan. July	" " " "	Jan. 1, (3)	36,000.00		36,000.00
	No. 17, 1915	4	Apr. Oct.	" " " "	Apr. 1, (3)	36,000.00		36,000.00
	No. 18, 1915	4	July Jan.	" " " "	July 1, (3)	36,000.00		36,000.00
	No. 19, 1915	4	Oct. Apr.	" " " "	Oct. 1, (3)	36,000.00		36,000.00
	No. 20, 1915	4	Jan. July	" " " "	Jan. 1, (3)	36,000.00		36,000.00
	No. 21, 1915	4	Apr. Oct.	" " " "	Apr. 1, (3)	36,000.00		36,000.00
	No. 22, 1915	4	July Jan.	" " " "	July 1, (3)	36,000.00		36,000.00
	No. 23, 1915	4	Oct. Apr.	" " " "	Oct. 1, (3)	36,000.00		36,000.00
	No. 24, 1915	4	Jan. July	" " " "	Jan. 1, (3)	36,000.00		36,000.00
	No. 25, 1915	4	Apr. Oct.	" " " "	Apr. 1, (3)	36,000.00		36,000.00
	No. 26, 1915	4	July Jan.	" " " "	July 1, (3)	36,000.00		36,000.00
	No. 27, 1915	4	Oct. Apr.	" " " "	Oct. 1, (3)	36,000.00		36,000.00
	No. 28, 1915	4	Jan. July	" " " "	Jan. 1, (3)	36,000.00		36,000.00
	No. 29, 1915	4	Apr. Oct.	" " " "	Apr. 1, (3)	36,000.00		36,000.00
	No. 30, 1915	4	July Jan.	" " " "	July 1, (3)	36,000.00		36,000.00

(4) \$1,000.00 payable annually.

(1A) \$1,000.00 payable annually from date of maturity

STATEMENT OF THE BOARD

1901		1902		1903		1904		1905		1906		1907		1908		1909		1910		1911		1912		1913		1914		1915		1916		1917		1918		1919		1920		1921		1922		1923		1924		1925		1926		1927		1928		1929		1930		1931		1932		1933		1934		1935		1936		1937		1938		1939		1940		1941		1942		1943		1944		1945		1946		1947		1948		1949		1950		1951		1952		1953		1954		1955		1956		1957		1958		1959		1960		1961		1962		1963		1964		1965		1966		1967		1968		1969		1970		1971		1972		1973		1974		1975		1976		1977		1978		1979		1980		1981		1982		1983		1984		1985		1986		1987		1988		1989		1990		1991		1992		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		2031		2032		2033		2034		2035		2036		2037		2038		2039		2040		2041		2042		2043		2044		2045		2046		2047		2048		2049		2050		2051		2052		2053		2054		2055		2056		2057		2058		2059		2060		2061		2062		2063		2064		2065		2066		2067		2068		2069		2070		2071		2072		2073		2074		2075		2076		2077		2078		2079		2080		2081		2082		2083		2084		2085		2086		2087		2088		2089		2090		2091		2092		2093		2094		2095		2096		2097		2098		2099		2100		2101		2102		2103		2104		2105		2106		2107		2108		2109		2110		2111		2112		2113		2114		2115		2116		2117		2118		2119		2120		2121		2122		2123		2124		2125		2126		2127		2128		2129		2130		2131		2132		2133		2134		2135		2136		2137		2138		2139		2140		2141		2142		2143		2144		2145		2146		2147		2148		2149		2150		2151		2152		2153		2154		2155		2156		2157		2158		2159		2160		2161		2162		2163		2164		2165		2166		2167		2168		2169		2170		2171		2172		2173		2174		2175		2176		2177		2178		2179		2180		2181		2182		2183		2184		2185		2186		2187		2188		2189		2190		2191		2192		2193		2194		2195		2196		2197		2198		2199		2200		2201		2202		2203		2204		2205		2206		2207		2208		2209		2210		2211		2212		2213		2214		2215		2216		2217		2218		2219		2220		2221		2222		2223		2224		2225		2226		2227		2228		2229		2230		2231		2232		2233		2234		2235		2236		2237		2238		2239		2240		2241		2242		2243		2244		2245		2246		2247		2248		2249		2250		2251		2252		2253		2254		2255		2256		2257		2258		2259		2260		2261		2262		2263		2264		2265		2266		2267		2268		2269		2270		2271		2272		2273		2274		2275		2276		2277		2278		2279		2280		2281		2282		2283		2284		2285		2286		2287		2288		2289		2290		2291		2292		2293		2294		2295		2296		2297		2298		2299		2300		2301		2302		2303		2304		2305		2306		2307		2308		2309		2310		2311		2312		2313		2314		2315		2316		2317		2318		2319		2320		2321		2322		2323		2324		2325		2326		2327		2328		2329		2330		2331		2332		2333		2334		2335		2336		2337		2338		2339		2340		2341		2342		2343		2344		2345		2346		2347		2348		2349		2350		2351		2352		2353		2354		2355		2356		2357		2358		2359		2360		2361		2362		2363		2364		2365		2366		2367		2368		2369		2370		2371		2372		2373		2374		2375		2376		2377		2378		2379		2380		2381		2382		2383		2384		2385		2386		2387		2388		2389		2390		2391		2392		2393		2394		2395		2396		2397		2398		2399		2400		2401		2402		2403		2404		2405		2406		2407		2408		2409		2410		2411		2412		2413		2414		2415		2416		2417		2418		2419		2420		2421		2422		2423		2424		2425		2426		2427		2428		2429		2430		2431		2432		2433		2434		2435		2436		2437		2438		2439		2440		2441		2442		2443		2444		2445		2446		2447		2448		2449		2450		2451		2452		2453		2454		2455		2456		2457		2458		2459		2460		2461		2462		2463		2464		2465		2466		2467		2468		2469		2470		2471		2472		2473		2474		2475		2476		2477		2478		2479		2480		2481		2482		2483		2484		2485		2486		2487		2488		2489		2490		2491		2492		2493		2494		2495		2496		2497		2498		2499		2500		2501		2502		2503		2504		2505		2506		2507		2508		2509		2510		2511		2512		2513		2514		2515		2516		2517		2518		2519		2520		2521		2522		2523		2524		2525		2526		2527		2528		2529		2530		2531		2532		2533		2534		2535		2536		2537		2538		2539		2540		2541		2542		2543		2544		2545		2546		2547		2548		2549		2550		2551		2552		2553		2554		2555		2556		2557		2558		2559		2560		2561		2562		2563		2564		2565		2566		2567		2568		2569		2570		2571		2572		2573		2574		2575		2576		2577		2578		2579		2580		2581		2582		2583		2584		2585		2586		2587		2588		2589		2590		2591		2592		2593		2594		2595		2596		2597		2598		2599		2600		2601		2602		2603		2604		2605		2606		2607		2608		2609		2610		2611		2612		2613		2614		2615		2616		2617		2618		2619		2620		2621		2622		2623		2624		2625		2626		2627		2628		2629		2630		2631		2632		2633		2634		2635		2636		2637		2638		2639		2640		2641		2642		2643		2644		2645		2646		2647		2648		2649		2650		2651		2652		2653		2654		2655		2656		2657		2658		2659		2660		2661		2662		2663		2664		2665		2666		2667		2668		2669		2670		2671		2672		2673		2674		2675		2676		2677		2678		2679		2680		2681		2682		2683		2684		2685		2686		2687		2688		2689		2690		2691		2692		2693		2694		2695		2696		2697		2698		2699		2700		2701		2702		2703		2704		2705		2706		2707		2708		2709		2710		2711		2712		2713		2714		2715		2716		2717		2718		2719		2720		2721		2722		2723		2724		2725		2726		2727		2728		2729		2730		2731		2732		2733		27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CITY OF NEW BEDFORD,
May 4, 1920.

To the City Council Committee on Finance :

Gentlemen:—The sub-committee on the valuation of city property reports herewith a list of city property and its value. The valuation of real estate has been secured from the Board of Assessors, and the valuation of other property has been secured from the officers in charge of the several departments. The entire valuation is believed by your sub-committee to be a fair valuation of the city property.

THOS. KIRKHAM,
JOHN McCULLOUGH, 3rd
ROBERT L. BAYLIES,
Committee.

SCHEDULE AND VALUATION OF THE CITY PROPERTY,
JANUARY 1, 1920.

BOARD OF ASSESSORS:

Office fixtures, furniture and furnishings.....	\$7,800.00	\$7,800.00
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BOARD OF HEALTH:

Furniture and equipment in office and bacteriological laboratory....	7,000.00	
Disinfecting apparatus.....	75.00	
Dental clinic.....	1,200.00	
Tuberculosis clinic.....	700.00	
Venereal clinic.....	600.00	
Furniture, bedding, etc., small pox hospital.....	175.00	
Ambulance and wagon at small pox hospital.....	200.00	
Partial equipment of isolation hospital.....	2,500.00	
Buildings used as small pox hospitals.....	800.00	
Isolation hospital buildings.....	41,200.00	
Land at isolation hospital.....	44,150.00	
Land at small pox hospital.....	26,950.00	
Hospital emergency equipment (in municipal building).....	5,000.00	
	<hr/>	130,550.00

CEMETERY BOARD:

Oak Grove Cemetery.....	70,075.00	
Old Burying Ground, Second st....	10,325.00	
Pine Grove Cemetery.....	41,525.00	
Rural Cemetery.....	223,813.00	
Tools, machinery, wagons and equipment.....	5,010.00	
Office fixtures, furniture, etc.....	3,120.00	
	<hr/>	353,868.00

CITY AUDITOR:

Office furniture, fixtures, etc.....	3,145.00	3,145.00
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CITY CLERK:

Office furniture, fixtures, etc.....	7,000.00	7,000.00
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CITY MESSENGER:

Miscellaneous supplies on hand....	200.00	200.00
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CITY ENGINEER:

Office fixtures, furniture, etc.....	14,192.89	
Chevrolet touring car.....	840.00	15,032.89

CITY SOLICITOR:

Office fixtures, furniture, etc.....	800.00	
Law library.....	250.00	
	<hr/>	1,050.00

AUDITOR'S REPORT.

43

CITY TREASURER:

Office fixtures, furniture, etc.....	7,000.00	7,000.00
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CLERK OF COMMITTEES:

Office fixtures, furniture, etc.....	2,500.00	2,500.00
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ELECTIONS:

Ballot boxes, and voting paraphernalia	\$ 3,000.00	
		\$3,000.00

FIRE DEPARTMENT:

No. 1 engine house and lot.....	\$14,675.00	
No. 2 engine house and lot.....	138,000.00	
No. 3 engine house and lot.....	23,300.00	
No. 4 engine house and lot.....	16,100.00	
No. 5 engine house and lot.....	32,975.00	
No. 6 engine house and lot	12,975.00	
No. 7 engine house and lot.....	17,025.00	
No. 8 engine house and lot.....	25,925.00	
No. 9 engine house and lot.....	2,500.00	
No. 10 engine house and lot....	26,348.00	
No. 11 engine house and lot.....	18,725.00	
Steam fire engine No. 1.....	1,000.00	
Steam fire engine No. 4.....	1,000.00	
Steam fire engine No. 5.....	1,000.00	
Steam fire engine No. 7.....	1,000.00	
Steam fire engine, reserve.....	500.00	
Five Ahrens Fox engines.....	45,000.00	
One Robinson engine.....	9,000.00	
One Webb engine.....	5,000.00	
One White engine.....	6,000.00	
Five Locomobile (chemicals)....	25,000.00	
Four Velie runabouts.....	4,100.00	
One Chevrolet runabout.....	500.00	
Four electric aerial trucks.....	40,000.00	
One Packard hose car.....	500.00	
Fire alarm telegraph and equip-		
ment.....	100,000.00	
Hose and connections.....	15,000.00	
Sundries and furnishings as per in-		
ventories	8,650.00	
		\$591,798.00

FREE PUBLIC LIBRARY:

Land and building	442,000.00	
Books, pictures, etc.....	180,000.00	
		\$622,000.00

INSPECTOR OF WIRES:

Office fixtures, furniture, etc.....	812.00	
Three automobiles.....	750.00	
Police signal system.....	15,000.00	
Cable, wire and material	2,000.00	
		\$18,562.00

INTERCEPTING SEWER:

Belleville Avenue station, building, equipment and land.....	\$41,233.43	
Brock Avenue station, building equipment and land.....	32,682.86	
Howland Street station, building equipment	13,904.84	
Screening station, building equipment.....	138,030.36	
Sewer system.....	1,085,721.11	
Wharf	7,655.37	
Sewer cleaning outfit.....	2,303.77	
Automobile.....	1,400.00	
		<hr/> 1,322,931.74

LICENSING BOARD:

Office fixtures, furniture, etc.....	1,750.00	\$1,750.00
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MAYOR'S OFFICE:

Office fixtures, furniture, etc.....	5,700.00	\$5,700.00
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NEW BEDFORD VOCATIONAL SCHOOL:

Buildings, fixtures, machinery, shop material, etc.....	51,653.68	51,653.68
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NEW BEDFORD WATER WORKS:

Acushnet supply.....	400,000.00	
Quittacus supply.....	980,000.00	
Distribution and other items.....	2,100,000.00	
Tools, harnesses, horses and autos	139,744.82	
Office fixtures, furniture, etc.....	8,600.00	
		<hr/> \$3,628,344.82

PARK COMMISSIONERS:

Bridge Park.....	25,375.00	
Buttonwood Park.....	176,550.00	
Brooklawn Park.....	375,400.00	
Common	96,950.00	
Grove Park.....	24,425.00	
Hazelwood Park.....	147,575.00	
Ashley Park.....	26,350.00	
Triangle Park.....	1,275.00	
Pope's Island Park.....	20,000.00	
Office furniture and fixtures.....	1,200.00	
Animals.....	2,500.00	
Tools and working implements....	3,500.00	
Swings, seats, band stands, and amusement fixtures.....	8,000.00	
		<hr/> \$909,100.00

POLICE DEPARTMENT:

Police station, Blackmer street....	13,850.00	
Central police station.....	150,025.00	
Police stable, So. Second street....	4,250.00	
Police station, Kempton and Cedar streets.....	22,575.00	
Police station, Willis street.....	3,175.00	
Police station, Bowditch and Weld streets.....	13,350.00	
Ambulances, wagons, furniture, etc.....	24,650.62	
		<hr/> \$231,875.62

AUDITOR'S REPORT.

45

POOR DEPARTMENT:		
Almshouse, outbuildings, land, etc..	\$229,725.00	
Furniture, furnishings, live stock and equipment.....	31,637.51	
		\$261,362.51

PUBLIC BATHS:		
Buildings and land.....	80,000.00	
Miscellaneous equipment.....	2,500.00	
		\$82,500.00

PUBLIC BUILDINGS, LAND AND OTHER PROPERTY:		
Wardroom, 610 Purchase street...	1,025.00	
Land, west side Liberty street....	25.00	
Veteran Firemen's Building, High and Foster streets.....	3,200.00	
Land, Mechanics, Elm, Sixth and Pleasant streets.....	157,350.00	
Municipal Building, William and Pleasant streets.....	504,150.00	
Land, North and Hillman sts....	5,050.00	
Land, Hillman street.....	8,200.00	
Building, 195 Mill st. on leased land	150.00	
Land, Lambeth, Edgewood, Sun- derland sts.....	25.00	
Land and buildings, north side of Tarkiln Hill Road.....	8,075.00	
Rifle Range, Dartmouth.....	13,484.00	
Furnishings, council chambers and hearing hall.....	5,312.00	
		\$706,046.00

REGISTRARS OF VOTERS:		
Office fixtures, furniture, etc.....	3,000.00	\$3,000.00

SCHOOL DEPARTMENT:		
William H. Taylor, Brock ave....	92,775.00	
G. H. Dunbar, Dartmouth and Dunbar sts.....	46,050.00	
Katherine Street school.....	171,225.00	
R. C. Ingraham, Blackmer and Second streets.....	86,925.00	
I. W. Benjamin, Division street	34,325.00	
J. B. Congdon, Thompson and Hemlock sts.....	102,975.00	
Thos. Donaghy, Acushnet ave. and South sts.....	79,875.00	
Thompson Street school.....	44,475.00	
Dartmouth Street school.....	17,375.00	
Acushnet Avenue school.....	48,975.00	
B.B. Winslow School, Allen street.	151,750.00	
A. F. Wood School, Pleasant and Russell sts.....	36,075.00	
T. A. Greene, Purchase and Mad- ison sts.....	66,925.00	

Harrington School, Court and Liberty sts.....	\$57,350.00	
Hathaway playgrounds.....	11,575.00	
S. A. Howland, Kempton and Pleasant sts.....	72,125.00	
Middle Street school.....	41,800.00	
High School, Court and County streets.....	665,600.00	
School Committee rooms, William street.....	10,950.00	
T. R. Rodman, Rockdale avenue and Summit street.....	78,725.00	
Cedar Street school.....	8,425.00	
M.B.White, Maxfield and Pleasant streets	24,925.00	
Old High School, Summer street.	111,675.00	
H. A. Kempton, Shawmut avenue	51,975.00	
Parker Street school.....	82,675.00	
Merrimac Street school.....	17,800.00	
Clark Street school.....	38,250.00	
J. H. Clifford, Bowditch and Coggeshall streets	80,600.00	
Cedar Grove Street school.....	36,175.00	
H. M. Knowlton County and Coggeshall streets.....	110,000.00	
Phillips Avenue school.....	48,375.00	
Sarah D. Ottiwell, Belleville avenue, Hathaway and Earle streets one Story.....	160,300.00	
Abraham Lincoln Bowditch and Glennon streets.....	146,250.00	
School, Hathaway road.....	1,150.00	
School, Plainville road.....	1,125.00	
J. Swift, Lunds Corner.....	84,425.00	
Acushnet avenue, north of Lunds Corner.....	1,600.00	
Portable buildings	30,000.00	
Furniture and furnishings.....	242,497.49	
		\$3,196,072.49

SEALER OF WEIGHTS AND MEASURES:

Standard weights, measures and equipment.....	3,000.00	\$3,000.00
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STREETS AND SEWERS:

City stables and land.....	118,040.00
Tools, machines, horses, wagons, etc.....	20,466.13
Carpenter shop, stock.....	2,366.88
Paint shop.....	523.32
Blacksmith shop.....	6,099.97
Yard crusher.....	3,538.65
North crusher.....	1,723.75
South crusher.....	2,477.35
Portable crusher.....	2,585.00

AUDITOR'S REPORT.

47

Steam drills.....	1,454.73	
Stable	31,290.75	
Harness shop	132.92	
Engines	4,789.03	
Miscellaneous tools.....	282.90	
Air drills.....	430.95	
Portable boiler.....	1,914.00	
Garage.....	28,793.00	
Machine shop.....	617.60	
Road roller.....	18,685.65	
Office	1,200.00	
Sewer pipe.....	13,803.62	
		\$261,216.20
STREET LIGHTING DEPARTMENT:		
Lamp posts.....	5,000.00	\$5,000.00
SUPERINTENDENT OF PUBLIC BUILDINGS		
Office fixtures, furniture, etc.....	5,972.13	\$5,972.13
SOLDIERS RELIEF:		
Office furniture and fixtures(wood)	313.00	313.00
WHARVES:		
Land, foot of Howland st.....	7,825.00	
Land, foot of Centre st.....	700.00	
Rotch Wharf.....	56,000.00	
South-east corner of Front and Centre streets.....	2,950.00	
Land and building, Front and Union streets.....	13,375.00	
		\$80,850.00
BRIDGES:	718,865.38	\$718,865.38
STREETS AND HIGHWAYS:	2,224,910.74	\$2,224,910.74
SEWERS:	3,779,684.36	\$3,779,684.36
MUNICIPAL HOSPITAL SITE:	85,149.26	\$85,149.29

RECAPITULATION.

Board of Assessors.....	\$ 7,800.00
Board of Health.....	130,550.00
Cemetery Board.....	353,868.00
City Auditor.....	3,145.00
City Clerk.....	7,000.00
City Messenger.....	200.00
City Engineer.....	15,032.89
City Solicitor.....	1,050.00
City Treasurer.....	7,000.00
Clerk of Committees.....	2,500.00
Elections.....	3,000.00
Fire Department.....	591,798.00
Free Public Library.....	622,000.00
Inspector of Wires.....	18,562.00
Intercepting Sewer.....	1,322,931.74
Licensing Board.....	1,750.00
Mayor's Office.....	5,700.00
New Bedford Vocational School.....	51,553.38
New Bedford Water Works.....	3,628,344.82
Park Commissioners.....	909,100.00
Police Department.....	231,875.62
Poor Department.....	261,362.51
Public Baths.....	82,500.00
Public Buildings, Land and Other Property.....	706,046.00
Registrars of Voters.....	3,000.00
School Department.....	3,196,072.49
Sealer of Weights and Measures.....	3,000.00
Streets and Sewers.....	261,216.20
Street Lighting Department.....	5,000.00
Superintendent of Buildings.....	5,972.13
Soldiers Relief.....	313.00
Wharves.....	80,850.00
Bridges.....	718,865.38
Streets and Highways.....	2,224,910.74
Sewers.....	3,779,684.36
Municipal Hospital Site.....	85,149.26
Total valuation.....	<u>\$19,328,803.52</u>

CERTIFICATES.

We certify that we have examined the foregoing report and statements of the City Auditor and believe the same to be correct.

JAMES F. COLLINS,
FREDERICK C. LUCE,
ROBERT L. BAYLIES,

Sub-committee of the joint standing committee on finance, appointed to examine the books and accounts of the City Treasurer and the City Auditor.

The foregoing report and statements of the City Auditor are approved.

THOMAS KIRKHAM,
JAMES F. COLLINS,
FREDERICK C. LUCE,
WILLIAM E. PARKER,
BERNARD McCABE,

Committee on Audit.

CITY OF NEW BEDFORD.



IN BOARD OF ALDERMEN,

May 13, 1920.

Received, ordered printed in City Documents for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

May 13, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

ANNUAL REPORT
OF THE
CITY TREASURER

FOR THE
Fiscal Year Ending November 30
1919



NEW BEDFORD
THE A. E. COFFIN PRESS — PRINTERS
1920

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

Apr. 22, 1920.

Received, ordered printed in City Documents for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

Apr. 22, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

Office of the City Treasurer,
New Bedford, Mass., December 1, 1919.

To the City Council of the City of New Bedford:

Gentlemen:—Submitted herewith find the annual report of this department for the year ending November 30, 1919, as required by the ordinances.

Respectfully submitted,

C. R. HATHAWAY,
City Treasurer.

STATEMENTS OF CASH RECEIPTS AND CASH PAYMENTS FOR THE FISCAL YEAR 1919

SUMMARY

Cash receipts from revenue resources....	\$4,739,682.20
Cash receipts from special funds and accounts.....	548,059.96
Cash receipts from revenue loan.....	3,150,000.00
Cash receipts from bonds.....	1,278,064.17
	<hr/>
Total cash receipts.....	\$9,715,806.33
Cash balance, Dec. 2, 1918.....	680,022.83
	<hr/>
	\$10,395,829.16
Cash payments for revenue purposes....	\$4,073,461.54
Cash payments for special funds and accounts.....	1,237,054.49
Cash payments for revenue loans.....	3,390,000.00
Cash payments for bonds.....	761,617.77
	<hr/>
Total cash payments.....	\$9,462,133.80
Cash balance, Nov. 29, 1919....	933,695.36
	<hr/>
	\$10,395,829.16

We have examined the foregoing and believe the same to be correct.

ROBERT L. BAYLIES,
JAMES F. COLLINS,

Sub-committee of the Joint Standing Committee
on Finance, appointed to examine the books
and accounts of the City Treasurer and City
Auditor.

ANNUAL REPORT
OF THE
COLLECTOR OF TAXES

December 1, 1919.

To the City Council of the City of New Bedford:

Gentlemen: — In compliance with the ordinance requiring that the annual report of the Collector of Taxes shall be made to the City Council annually in January, I submit herewith statement of all collections made during the fiscal year ending November 30, 1919, together with a statement of Taxes remaining unpaid.

Respectfully submitted,

C. R. HATHAWAY,
Collector of Taxes.

STATEMENT OF TAX COLLECTIONS

DR.

	1919	1917	1916
Uncollected balances, December 1, 1918.....			
Assessors' warrants in detail, 1919:			
State tax.....	\$321,233.00	\$ 318,663.92	\$ 12,858.96
County Tax.....	167,037.42		
City Tax, Department Appropriations.....	2,284,979.42		
City Tax, Debt Appropriations.....	1,173,917.66		
Overlay.....	38,617.64		
Non-Resident Bank Tax.....	33,888.30		
Excise Tax, Vessels in Foreign Trade.....	8.33		
Excise Tax, Street Railways.....	16,590.61		
Additional Warrants and Re-Assessments.....		1,855.03	
Total Debits.....	\$ 4,036,272.38	\$ 57,964.53	\$ 12,858.96

CR.

Collections:—Real Estate.....	\$ 2,162,519.05	\$ 38,022.90	\$ 70.38
Personal.....	1,442,753.92	43,966.64	13.00
Polls.....	38,776.00	17,888.00	1,004.00
Resident Bank Tax.....	27,221.95		
Non-Resident Bank Tax.....	35,338.05		
Excise Tax, Vessels in Foreign Trade.....	8.33		
Excise Tax, Street Railways.....	13,771.33		
Abatements:—Real Estate.....	4,990.51	735.66	6.91
Personal.....	2,202.52	1,301.78	1,113.04
Polls.....	1,986.00	2,004.00	10,828.00
Tax Titles purchased by the City.....		209.33	
Total Credits.....	\$ 3,729,567.66	\$ 270,830.45	\$ 40,219.07
Balances uncollected, December 1, 1919.....	\$ 306,704.72	\$ 49,688.50	\$ 17,745.46
Abatements issued by Assessors but not presented.....	84.96	3.81	8.03
Percentages collected from dates of assessment to December 1, 1919.....	92.15	98.56	99.36
*Excess of Collections over Warrants, \$176.37.			

*

Percentages collected from dates of assessment to December 1, 1919

*Excess of Collections over Warrants, \$176.37.

New Bedford, Mass., January 1, 1920.

To the City Council of New Bedford:

As Treasurer of the Charles S. Paisler Educational Fund I submit herewith the following Second Annual Report:—

REPORT

The principal of the Charles S. Paisler Educational Fund is \$30,115.58 which amount is deposited in the New Bedford Safe Deposit and Trust Company at 4%. The income is to be divided as per provisions of Will and acceptance of Trust as follows, viz:—

One third to Mary V. King for life and two thirds to the City of New Bedford, Charles S. Paisler Educational Fund.

Received, interest for year ending December 31, 1919		\$ 1,204.33
Paid, One Third to Mary V. King....	\$ 401.41	
Two Thirds to City of New Bedford, Charles S. Paisler Educational Fund.....	802.92	
	<hr/>	\$ 1,204.33

Respectfully submitted,

C. R. HATHAWAY,
City Treasurer.

New Bedford, Mass., January 1, 1920.

To the City Council of the City of New Bedford:

The trustees of bequests, gifts and trust funds of the City of New Bedford herewith submit the following as their Twelfth Annual Report:—

REPORT

The principal of the Kempton Fund, the gift of Sarah E. Potter, is \$250,000.00.

During the year the following bonds have been sold:—

City of Waterbury.....	\$ 25,000.00	
City of Boston.....	25,000.00	
Town of Weymouth.....	5,000.00	
Town of Weymouth.....	5,000.00	
City of Boston.....	10,000.00	
City of Fall River.....	4,000.00	
City of Willimantic.....	4,000.00	
	<hr/>	\$78,000.00

The following bonds have been bought:—

U. S. Liberty, 2nd, Conv.....	79,000.00	\$79,000.00
Deposited in N.B. Inst. Svgs.	112.65	112.65

Under the provisions of the City Ordinances approved by the Mayor, February 26, 1914 and March 12, 1914, the Trustees of the Kempton Fund are also charged with the management, direction and control of the investment of the following funds, viz.:

TRUST FUNDS

Sylvia Ann Howland, Educational and Library Fund	\$100,000.00
George O. Crocker, Library Fund.....	10,000.00
Charles L. Wood Library Fund.....	2,000.00
Oliver Crocker, Library Fund.....	1,000.00
George Howland, Jr. Library Fund.....	1,600.00
Charles W. Morgan, Library Fund.....	1,900.00
James B. Congdon, Library Fund.....	500.00
Jonathan Bourne, School Fund.....	1,000.00
	<hr/>
	\$117,100.00

The gross amount of income which has been received by the Trustees is \$19,336.53 and this amount has been paid to the City Treasurer, as provided in the several Trusts and the City Ordinances.

FREDERIC TABER,
ABBOTT P. SMITH,
THOS. S. HATHAWAY,
Trustees.

The Kempton Fund, The Gift of Sarah E. Potter

	Par Value	Rate	1919 Income
C. B. & Q.....	\$ 50,000.00	4	\$ 2,000.00
*City of Waterbury	25,000.00	4	500.00
*City of Boston.....	25,000.00	4	877.79
Boston & Maine.....	20,000.00	4	2,800.00
Kansas City.....	19,000.00	4½	855.00
Boston Elevated	40,000.00	4½	1,800.00
N. Y., N. H. & H. R. R.....	5,000.00	4	200.00
N. Y., N. H. & H. R. R.....	20,000.00	4	800.00
*Town of Weymouth	5,000.00	4	100.00
*Town of Weymouth	5,000.00	4	100.00
*City of Boston.....	10,000.00	4	500.00
*City of Fall River.....	4,000.00	4	80.00
*City of Willimantic.....	4,000.00	4	80.00
Providence & Worcester.....	18,000.00	4	720.00
Delaware & Hudson.....	5,000.00	4	200.00
Atchison, Topeka & Santa Fe.....	5,000.00	4	200.00
†N. B., Inst. Savings, Deposits	1,773.13	4½	68.55
†U. S., Liberty, 2nd. Conv.....	79,000.00	4¼	1,647.50
			<hr/> \$13,528.84

*Sold, 1919.

†Deposited \$112.65, 1919.

‡Purchased, 1919.

Sylvia Ann Howland, Educational and Library Fund

*State of California	\$ 50,000.00	4	\$ 1,561.46
City of New Bedford.....	25,000.00	4	1,000.00
*City of Marlboro.....	25,000.00	4	750.00
†N. B. Inst. Savings, Deposits	1,014.45	4½	25.88
City of New Bedford.....	1,000.00	4	40.00
†U. S. Liberty 4th	50,000.00	4¼	1,062.50
†U. S. Liberty 2nd Conv.....	25,000.00	4¼	500.00
			<hr/> \$4,939.84

*Sold, 1919

†Deposited, \$585.00, 1919.

‡Purchased, 1919.

George O. Crocker, Library Fund

	Par Value	Rate	1919 Income
*City of Providence	\$10,000.00	4	\$ 329.65
†U. S. Liberty 2nd, Conv.	10,000.00	4½	212.50
‡N. B., Inst. Savings, Deposits	520.00	4½	5.85
			<hr/> \$548.35

*Sold, 1919.

†Purchased, 1919.

‡Deposited, 1919.

Charles L. Wood, Library Fund

N. B., Inst. Savings, Deposits	\$2,000.00	4½	\$90.00
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Oliver Crocker, Library Fund

N. B., Inst. Savings, Deposits	\$1,000.00	4½	\$45.00
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George Howland, Jr., Library Fund

N. B., Inst. Savings, Deposits	\$1,600.00	4½	\$72.00
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Charles W. Morgan, Library Fund

N. B., Inst. Savings, Deposits	\$1,000.00	4½	\$45.00
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James B. Congdon, Library Fund

N. B., Inst. Savings, Deposits	\$500.00	4½	\$22.50
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Jonathan Bourne, School Fund

N. B., Inst. Savings, Deposits	\$1,000.00	4½	\$45.00
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REPORT OF THE

Treasurer of the Sinking Funds.

City of New Bedford, Mass.
January 1, 1920.

*To the Commissioners of the Sinking Funds of the
City of New Bedford.*

Gentlemen:—Herewith find a statement of my accounts as Treasurer of the Sinking Funds for the year 1919, together with a list of securities in the fund.

DR.

Par value of Sinking Funds investments, close of 1918,	\$2,089,302.49
City of New Bedford, from Taxation,	24,972.00
“ Water Revenue,	27,900.00
Premium Account,	4,369.45
Interest Account,	88,423.32
	\$2,234,967.26

CR.

Accrued interest on securities purchased,	\$ 551.16
Premium on securities purchased,	81.15
Sinking Fund No. 35, matured Feb. 1, 1919	30,000.00
Par value of Investments, close of 1919,	2,204,334.95
	\$2,234,967.26

INVESTMENT OF NEW BEDFORD SINKING FUNDS, 1919.

1920	Mar.	1	New Bedford,	4	\$7,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	Apr.	1	Sanford & Kelley, Notes	6	35,000.00	
	Apr.	1	Tucker Anthony & Co., Note	6	35,000.00	
	Apr.	17	Tucker Anthony & Co., Note	5 $\frac{3}{4}$	15,000.00	
	Apr.	17	Sanford & Kelley, Notes	5 $\frac{1}{2}$	15,000.00	
	May	1	Quincy,	3 $\frac{1}{2}$	1,000.00	
	May	1	Quincy,	4	3,000.00	
	May	1	Watertown	4	3,000.00	
	June	1	New Bedford,	3 $\frac{1}{2}$	66,000.00	
	June	1	New Bedford,	3 $\frac{1}{2}$	2,000.00	
	July	1	Syracuse,	3 $\frac{1}{2}$	5,000.00	
	Dec.	1	Citizens' Elec. Ry.,	5	1,000.00	
	Dec.	1	New Bedford,	4	2,000.00	
						\$192,000.00
1921	Mar.	1	New Bedford,	4	\$7,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Quincy,	3 $\frac{1}{2}$	1,000.00	
	May	1	Quincy,	4	3,000.00	
	July	1	New Bedford,	4	3,000.00	
	Oct.	1	Clinton,	3 $\frac{1}{2}$	1,000.00	
	Oct.	1	Fitchburg R. R.,	3 $\frac{1}{2}$	15,000.00	
	Nov.	1	Boston & Maine,	3 $\frac{1}{2}$	2,000.00	
	Dec.	1	Middletown,	3 $\frac{1}{2}$	5,000.00	
						\$39,000.00
1922	Jan.	1	Lynn,	4	\$5,000.00	
	Mar.	1	New Bedford,	3 $\frac{1}{2}$	6,000.00	
	Mar.	1	Providence,	4	8,000.00	
	Mar.	1	New Bedford,	4	7,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	Apr.	1	St. Louis,	3 $\frac{1}{4}$	8,000.00	
	May	1	Quincy,	4	3,000.00	
	June	1	Boston,	3 $\frac{1}{2}$	2,000.00	
	July	1	Barre,	3 $\frac{1}{2}$	3,000.00	
	July	1	Prov. & Springfield,	5	20,000.00	
	July	1	Portland,	3 $\frac{1}{2}$	1,000.00	
	Dec.	1	Haverhill,	4	5,000.00	
	Dec.	1	New Bedford,	4	2,000.00	
						\$72,000.00
1923	Jan.	1	Chicago,	4	\$2,000.00	
	Feb.	1	New Bedford,	3 $\frac{1}{2}$	3,000.00	
	Apr.	1	Lynn,	4	4,000.00	
	Apr.	1	Saginaw,	4	10,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Quincy,	4	1,000.00	
	May	15	Newport,	4	16,000.00	
	May	20	U. S. Liberty	4 $\frac{3}{4}$	80,000.00	
	July	1	Lewiston,	4	1,000.00	

SINKING FUNDS

13

1923	July	1	Lawrence,	4	4,000.00	
	Sept.	1	Commonwealth of Mass.	3	5,000.00	
	Oct.	1	Saginaw,	4	10,000.00	
	Oct.	1	Falmouth,	3½	1,000.00	
	Nov.	1	Commonwealth of Mass.	3½	3,000.00	
	Dec.	1	Boyer Valley,	3½	55,000.00	
	Dec.	15	Brockton,	4	1,000.00	
	Dec.	1	New Bedford,	4	2,000.00	
						<hr/>
						\$200,000.00

1924	Jan.	1	Bridgeport,	4	\$6,000.00	
	Jan.	1	Chicago,	4	3,000.00	
	Jan.	1	Kansas City,	4	34,000.00	
	Feb.	1	Cambridge,	4	4,000.00	
	Feb.	1	Old Colony R. R.,	4	6,000.00	
	Mar.	1	Indianapolis,	4	5,000.00	
	Apr.	1	Brockton,	4	7,000.00	
	Apr.	1	New Bedford,	4	4,000.00	
	Apr.	1	Newton,	4	19,000.00	
	Apr.	1	Woonsocket,	4	3,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	2	Malden,	4	5,000.00	
	June	1	Minn. & Iowa R. R.	3½	5,000.00	
	June	30	Indianapolis,	4	5,000.00	
	July	1	Mil., L. S. & Western	6	3,000.00	
	July	1	New Britain,	4	9,000.00	
	July	1	Lawrence,	4	1,000.00	
	July	1	Lawrence,	4	1,000.00	
	Aug.	1	Cambridge,	4	32,000.00	
	Oct.	1	Falmouth,	3½	1,000.00	
	Dec.	15	New Bedford,	4	22,000.00	
						<hr/>
						\$177,000.00

1925	Apr.	1	Minneapolis,	4	\$20,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Kennebec,	3½	10,000.00	
	May	2	Malden,	4	20,000.00	
	July	1	New Bedford,	4	5,000.00	
	July	1	New Bedford,	3½	24,000.00	
	Aug.	1	Troy,	4	10,000.00	
	Oct.	1	Falmouth,	3½	1,000.00	
	Oct.	1	Chelsea,	4	5,000.00	
						<hr/>
						\$97,000.00

1926	Mar.	1	Peoria & N. W.	3½	\$5,000.00	
	Apr.	1	Minneapolis,	4	20,000.00	
	Apr.	1	New Bedford,	4	1,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	July	1	Attleboro,	4	18,000.00	
	Aug.	15	Chicago & N. W.	4	10,000.00	
	Sept.	1	Boston & Maine	4	25,000.00	
	Oct.	1	Falmouth	3½	1,000.00	
						<hr/>
						\$82,000.00

SINKING FUND

1927	Jan.	1	New Bedford,	4	\$9,000.00	
	Jan.	1	Waltham,	4	2,000.00	
	Mar.	1	Fitchburg RR.,	4	5,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	C., B., & Q. RR.,	4	5,000.00	
	June	1	Taunton,	4	1,000.00	
	July	1	Somerville	3½	2,000.00	
	Oct.	1	Falmouth	3½	1,000.00	
	Dec.	1	County of Essex	4	1,000.00	
					<hr/>	\$28,000.00
1928	Feb.	1	New Bedford,	3½	\$5,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Portland & Ogdensb'g	4½	5,000.00	
	Sept.	15	U. S. Liberty,	4½	210,000.00	
					<hr/>	\$222,000.00
1929	Jan.	1	Westerly,	4	\$2,000.00	
	Feb.	1	Mil., L. S. & Wes.	5	30,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	July	1	Amer. Tel. & Tel. Co.	4	25,000.00	
	Oct.	1	Chicago & N. W.	5	18,000.00	
	Oct.	1	Chicago & N. W.	6	3,000.00	
	Oct.	1	St. Louis,	4	10,000.00	
					<hr/>	\$90,000.00
1930	Jan.	1	Commonwealth of Mass.	3	\$50,000.00	
	Jan.	1	State of Mass.	3	4,000.00	
	Jan.	31	Natick,	3½	5,000.00	
	Mar.	1	Brockton,	3½	10,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	Dec.	1	Taunton,	3½	8,000.00	
					<hr/>	\$79,000.00
1931	Apr.	1	New Bedford,	4	\$2,000.00	
	July	1	New Bedford,	4	2,000.00	
	Nov.	1	Commonwealth of Mass.	3	25,000.00	
					<hr/>	\$29,000.00
1932	Mar.	1	New Bedford,	3½	\$3,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	Aug.	1	West End St. Ry.	4	49,000.00	
					<hr/>	\$54,000.00
1933	Apr.	1	Fall River,	3½	\$3,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Boston & Albany R.R.,	4	5,000.00	
	May	1	Woonsocket,	4	5,000.00	
	Oct.	15	U. S. Liberty,	4½	110,000.00	
					<hr/>	\$125,000.00
1934	Apr.	1	New Bedford,	4	\$2,000.00	
	Aug.	1	Augusta,	4	40,000.00	
	Aug.	1	Willimantic,	4	1,000.00	
					<hr/>	\$43,000.00

SINKING FUNDS

15

1935	Mar.	1	Westerly,	3½	\$8,000.00	
	Apr.	1	No. Maine Seaport	5	35,000.00	
	Apr.	1	Lynn	3½	5,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Boston Elevated R.R.	4	25,000.00	
	July	1	So. Norwalk,	4	3,000.00	
	Sept.	1	So. Norwalk,	4	5,000.00	
					<hr/>	\$83,000.00
1936	Apr.	1	New Bedford,	4	\$2,000.00	
					<hr/>	\$2,000.00
1937	Apr.	1	New Bedford,	4	\$1,000.00	
	May	1	Quincy,	4	2,000.00	
					<hr/>	\$3,000.00
1938	July	1	Kalamazoo, Al. & G. R.	5	\$4,000.00	
	Dec.	1	Stamford	4	5,000.00	
					<hr/>	\$9,000.00
1940	July	1	Erie & Pittsburg RR.,	3½	\$50,000.00	
					<hr/>	\$50,000.00
1942	May	1	Quincy,	3½	\$1,000.00	
	Nov.	1	U.S. Liberty Loan 1917	4½	84,000.00	
					<hr/>	\$85,000.00
1943	Jan.	1	Bangor & Aroostook	5	\$29,000.00	
					<hr/>	\$29,000.00
1944	Jan.	1	Boston & Maine	4½	\$5,000.00	
	Mar.	1	St. Johnsbury & L.C.	5	11,000.00	
					<hr/>	16,000.00
1945	July	1	New England RR.	4	\$13,000.00	
					<hr/>	\$13,000.00
1946	July	1	Boston Terminal,	4	\$20,000.00	
					<hr/>	\$20,000.00
1947	June	15	U. S. Liberty Loan,	4½	\$25,000.00	
					<hr/>	\$25,000.00
1949	July	1	C., B. & Q.,	3½	\$36,000.00	
	July	1	C., B. & Q.	4	39,000.00	
					<hr/>	\$75,000.00
1951	Aug.	1	Ill. Central,	3	\$25,000.00	
	Sept.	1	Mich. Central,	3½	12,000.00	
					<hr/>	\$37,000.00
1952	May	1	Mich. Central,	3½	\$30,000.00	
					<hr/>	\$30,000.00
1953	July	1	Ill. Central,	3½	\$22,000.00	
					<hr/>	\$22,000.00

SINKING FUNDS

1954	Jan.	1	Washington Co. RR.,	3½	\$16,000.00	
	April	1	N. Y., N. H. & H.	3½	11,000.00	
	May	1	N. Y., N. H., & H.	4	35,000.00	
	May	1	Naugatuck RR.,	4	4,000.00	
					<hr/>	\$66,000.00
1955	July	1	N. Y., N. H. & H. RR.,	4	\$53,000.00	
					<hr/>	\$53,000.00
1956	May	1	N. Y., N. H. & H. RR.,	4	\$25,000.00	
					<hr/>	\$25,000.00
1957	Jan.	1	New Bedford,	4	\$5,000.00	
					<hr/>	\$5,000.00
1958	Mar.	1	C., B. & Q. RR.,	4	\$10,000.00	
					<hr/>	\$10,000.00
	Total,					\$2,187,000.00
	Savings Bank Deposits,					10,944.93
	Cash on Deposit,					6,390.02
						<hr/>
	Securities at par, close of 1919,					\$2,204,334.95

Respectfully submitted,

C. R. HATHAWAY,
Treasurer.

**STATEMENT OF CONDITIONS OF THE VARIOUS
SINKING FUNDS.**

No.	Fund	Payable	Total
49	\$100,000 High School Bonds,	July 1, 1925,	\$71,065.84
50	21,000 School Bonds,	July 1, 1925,	17,758.34
51	62,000 Sewer Bonds,	July 1, 1935,	34,042.69
18	100,000 Park Bonds,	Apr. 1, 1942,	46,369.45
23	120,000 Water Bonds,	April 1, 1924,	112,275.11
24	1,200,000 Water Bonds,	(Dec. 15, 1924, (April 1, 1926, (Jan. 1, 1927,	965,382.01
25	58,000 Sewer Bonds,	April 1, 1925,	50,888.47
55	20,000 Engine House Bonds,	May 1, 1927,	12,949.20
29	69,000 Sewer Bonds,	Mar. 1, 1927,	53,198.85
30	52,000 Wharf Bonds,	May 1, 1927,	46,915.13
31	35,000 Sewer Bonds,	Feb. 1, 1928,	26,293.62
36	33,000 Sewer Bonds,	Feb. 1, 1929,	24,031.00
37	200,000 School Bonds,	June 1, 1920,	200,000.00
38	48,000 Water Bonds,	June 1, 1930,	34,260.93
40	30,000 Sewer Bonds,	Mar. 1, 1932,	18,079.75
41	65,000 School Bonds,	Mar. 1, 1922,	58,511.81
43	120,000 School Bonds,	Feb. 1, 1923,	105,156.00
47	50,000 School Bonds,	Dec. 1, 1923,	45,457.28
48	30,000 Sewer Bonds,	Dec. 1, 1933,	17,495.35
39	28,000 Park Bonds,	July 1, 1951,	8,234.64
54	72,000 Park, Bridge Approach,	Jan. 1, 1957,	13,382.36
53	777,000 Bridge Bonds,	Jan. 1, 1957,	133,580.01
59	50,000 Highway Bonds of 1910,	July 1, 1920,	50,000.00
60	50,000 Municipal Bonds,	Oct. 1, 1920,	50,000.00
61	14,000 School Bonds.	Dec. 1, 1930,	9,007.11
			<hr/> \$2,204,334.95

DIVISION OF SINKING FUNDS.

Municipal Loans.....	\$ 772,869.47
Water Loans.....	1,111,918.05
Park Loans.....	54,604.09
Wharf Loans.....	46,915.13
High School Loan.....	71,065.84
Bridge Loans.....	133,580.01
Park, Bridge Approach Loan.....	13,382.36
Total	<hr/> \$2,204,334.95

REPORT OF THE
Commissioners of the Sinking Funds.

City of New Bedford,
April 13, 1920.

To the City Council of the City of New Bedford, Mass.

Gentlemen:— At a meeting of the Commissioners of the Sinking Funds of the City of New Bedford, held at this date, it was

Voted:— To adopt the foregoing statement of the Treasurer of the Sinking Funds as the report of the Commissioners of the Sinking Funds of the City of New Bedford, required by the Statutes of the Commonwealth of Massachusetts to be made annually to the City Council.

HARRY C. ROBINSON,
BENJ. A. TRIPP,
CHAS. S. KELLEY, JR.,

Commissioners of the Sinking Funds.

New Bedford, Mass.,

April 13, 1920.

<i>Harry C. Robinson, Esq.</i>	} <i>Commissioners of the</i>	
<i>Charles S. Kelley, Jr. Esq.</i>		<i>New Bedford</i>
<i>Benjamin A. Tripp, Esq.</i>		<i>Sinking Funds.</i>

Dear Sirs:—I have finished my examination of the books and accounts of the Treasurer of the Sinking Funds, for the year ending December 31, 1919, and hereby certify that they are correct. I have also examined the cash and securities representing the investments, amounting to \$2,204,334.95, and find that they agree with the Treasurer's report.

Yours very truly,

JAMES P. FRANCIS,

Certified Public Accountant.

Twenty-Seventh Annual Report

OF THE

ENGINEERING DEPARTMENT

CITY OF NEW BEDFORD

BY THE

CITY ENGINEER

For the Year 1919.



THE DONAHUE PRINTING COMPANY
NEW BEDFORD, MASS.

1920

NEW BEDFORD

December 1, 1919.

Set off from Dartmouth.....	1787
Incorporated as a city.....	1847
Length of city.....	10.78 miles
Breadth of city (maximum).....	3.10 miles
Area—Land	12,206 acres
Ponds	200 acres
Land and ponds.....	12,406 acres or 19.39 sq. miles
Tidal waters	8,467 acres
	<hr/>
	20,873 acres or 32.614 sq. miles
Length of frontage on tidal waters.....	10.13 miles
Depth of main channel.....	25 ft. at low water
Average rise and fall of tide.....	3½ ft.
Population:—Assessors' estimate.....	121,986
Assessed valuation	\$144,254,106
Assessed valuation per capita.....	\$1,182.00
Accepted streets (Dec. 31, 1918).....	192.74 miles
Bridges (3).....	0.796 miles in New Bedford
Sewers	143.64 miles
Length of Intercepting Sewer:	
Outfall	0.626 miles
Interceptor	7.66 miles
10 parks and public playgrounds, area.....	223.10 acres
32 schools, area of grounds.....	43.60 acres

ENGINEER'S REPORT

City of New Bedford,
Engineering Department,
January 1, 1920.

To the City Council of the City of New Bedford:

Gentlemen:—In compliance with section 56 of the city ordinances, defining the duties of the city engineer, I respectfully submit the following report of the expenses and operation of the engineering department for the year ending November 30, 1919.

EXPENDITURES.

Salaries and pay rolls.....	\$25,122.63	
Telephone	114.23	
Local transportation	2,800.55	
Drawing supplies	107.52	
Blueprint materials	225.40	
Printing, stationery, advertising, etc.....	165.58	
Sundry supplies	196.52	
Office furniture and repairs	80.66	
Platting system expenses	236.67	
General instruments for office and field....	45.60	
Traveling expenses, express, postage, etc..	46.94	
Printing annual report	138.25	
Public statutes and reference books.....	43.74	
Meteorological instruments	29.02	
		\$29,353.31
Balance		646.69
		<u>\$30,000.00</u>

RECEIPTS.

Appropriation, regular	\$25,000.00	
Appropriation, special	5,000.00	
		<u>\$30,000.00</u>

EXPENDITURES.

Gross	\$29,353.31
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RECEIPTS.

Credit from sale of blueprints, material and maps	\$157.59	
Net expenditures	29,195.72	
		<u>\$29,353.31</u>

From the above you will note that the expenses are larger this year than ever before in the history of the department. This is not due to increased activities or a larger amount of work, but to the fact that all supplies are abnormally high and the wages of all the employes have been increased, as in other lines of industry, and the cost of transportation, both in time and money, is larger each year on account of the growth of the city and the fact that most of the work is in newly developed sections.

During the year all the men who were in the service have returned to the office. Four of them have left to take up other lines of work. While the war was in progress 50 per cent. of our force was thus absent, and we did only such work as was absolutely necessary to care for construction. This leaves us with our office records sadly behind, and it will require considerable time to bring these to date. The planning work of the Board of Survey was also discontinued and has only been resumed this winter. At the present time we are contemplating making surveys for the approval of streets by the Planning Board in the sections between Shawmut avenue and Mount Pleasant street, from Topham street to Hathaway road, the section known as Nash Villa west of Mount Pleasant street and south of Plainville road, and the section between Phillips road and Acushnet avenue south of the Braley road.

No new plans have been approved by the Board of Survey during the year, although three minor changes have been made in plans previously adopted. Since its creation in 1914 the Board has approved 25 plans, covering 28.14 miles of streets.

The work of maintaining the plans and records for the assessors has been very much increased this year, 4,226 transfers and changes having been recorded. The coming year this work will be further increased, as the assessors have asked for plans of the principal buildings of the city similar to those now furnished them of the manufacturing plants.

During the past year, on account of the diminished amount of house building, there have not been as many petitions for local sewers as usual, and we have made considerable headway on the construction of trunk sewers.

At the present time, however, the housing problem in this city is acute and three manufacturing plants are now being erected which will bring many more workers to the city. We have a definite idea where many of these will be housed as the aforementioned corporations have purchased tracts of land for that purpose. Unfortunately all of these are beyond our present sewer system and will require further extension of the trunk sewers for their drainage.

Our greatest problem is north of Howard avenue. Further down the river the old custom was to build sewers in the east and west streets and empty them at the foot into tide water. When the river finally became so polluted as to become a nuisance, the intercepting sewer was laid along the water front and the sewage and dry weather flow discharged into it. The sewage and surface water still go overboard at the time of a heavy storm. The upper end of the intercepting sewer is near Earle street in Belleville avenue and is almost at the surface of the ground at that point, thus preventing its further extension as a gravity system.

A pumping station is located at the junction of Belleville road and Belleville avenue and the flow from Belleville avenue sewer is raised into the interceptor through a force main. Thus the Belleville avenue sewer itself becomes an intercepting sewer.

The area lying east of Belleville avenue is lower than this street and cannot be drained backward to it. When this section is drained it must be done by pumping. The river north of Howard avenue is very narrow and shallow, with bare flats at low tide. Already complaints are made of disagreeable odors at this point, and it would not be safe to discharge any appreciable amount of sewage into it.

The conditions north of Lunds corner are still more unfavorable and the section must be treated as though in an inland city. Sewers and surface water drains must be provided in the valleys, following water courses as nearly as possible, giving a location for the collection and discharge of the surface water, and streets must be so located as to further this end. The sewage must be discharged in some manner into the intercepting sewer.

In this district, fortunately, such sewers as are now built are of the "separate system" and the surface water is carried

off through the old water courses or through large surface water drains independent of the sewage. Through the co-operation of the plumbing department of the Board of Health the roof water from the houses in this district is also discharged into the surface water drains, still further reducing the volume of sewage to be cared for. If this was not done it would be impossible to handle the discharge during storms without much larger sewers, an enormous pumping plant and enlarging the intercepting sewer itself.

A careful study of the situation indicates that it will be economy to build a gravity force main from Balls corner, through Belleville avenue to the end of the present intercepting sewer near Earle street. This can take all the sewage from the district lying west from Belleville avenue and north of Balls corner which naturally drains in this direction without the cost of pumping. A section of this, if built from Balls corner to the Tarkiln Hill road and there discharged into the Belleville avenue sewer, would give a method for caring for a large portion of the district north and west of Balls corner at the present time without the installation of another pumping station. This would eventually constitute a part of the permanent system.

The intercepting sewer system has operated very satisfactorily during the year, although the extension of sewers and the new buildings erected in the north part of the city have increased the flow of sewage to such an extent that the capacity of the present pumping plant at Belleville has been exceeded and at times the sewage discharges into the river. At present there are two 10-inch pumps at this station and connections were provided for a 12-inch and a 14-inch pump to be added later. I would recommend the installation of the 14-inch pump the coming year. This will give an excess capacity for the present, and if the gravity force main previously mentioned is laid within a few years it may never be necessary to increase this plant further.

At the present time the only large sewer discharging directly into the river is at Howland street, and this should, in the near future, be connected with the intercepting sewer system at the First street station.

In street work, the laying of water-bound macadam has practically been eliminated, it only being used for temporary

repairs and for a few short streets where there is very little travel. Granite block pavement, grouted and laid on a cement concrete base, and Endurite pavement have been used exclusively on our principal through lines of travel and have been laid consistently so as to form continuous roads. Of 24,072 lineal feet of this type of pavement laid this year only 903 feet or 3.75 per cent. of the whole was laid for local use on streets where the traffic was so heavy as to make any cheaper form of pavement unsatisfactory and in the end less economical. For residence streets off the lines of through travel penetration macadam has been used. With the good quality of quarry stone which we are able to secure locally this makes a dustless and fairly permanent pavement which has proved both economical and satisfactory.

Last summer fender piers were built in front of each of the abutments of the draw span of the New Bedford and Fairhaven bridge. They fill a long-felt want and remove a source of great danger to the bridge structure. The center pier is becoming badly decayed and will soon need replacement. The Coggeshall street bridge should be thoroughly inspected at an early date to be sure there is no failure under the heavy loads using it. Both bridges require some painting.

Work has been continued this year on the Popes Island bulkhead and fill, 368 feet of new bulkhead having been built. Bulkheads have also been built at the foot of Gifford and Howland streets.

The following is a list of the present employes of this office:

Assistant engineers:

Leonard J. Hathaway, Jr.
William H. Chase

Field force:

Robert S. Baylies
Milton H. Dean
Elmer L. Deane

ENGINEER'S REPORT

Wilfred T. Fahey
Fred H. Hewitt
James S. McQuade
Edward F. Mulally
Raymond L. Viereck

Office force:

Paul G. Covill
Benjamin F. Howe
Edward M. Slocum

Plotting system:

Norman Barstow
Percy Batchelder

Clerk:

Jessie Loughlin

Respectfully submitted,

GEORGE H. NYE,

City Engineer.

CLASSIFICATION OF WORK ENGINEERING
DEPARTMENT

1919.

City Government and Committees	\$592.17
Assessors	2,490.66
Cemetery Department	57.73
Engineering Department	*10,617.53
Fire Department	25.17
Health Department	
Inspector of Buildings	1,212.31
Inspector of Wires	176.79
Intercepting Sewer	1,130.13
Park Department	56.44
School Department	32.75
Street Department, Street Construction.....	3,047.19
Sewer Construction	1,984.31
Water Works	162.93
Public Service Corporations	36.52
	<hr/>
	\$21,622.63
*Administration	3,500.00
	<hr/>
	\$25,122.63

STREET LAID OUT AND ACCEPTED IN 1919.

Street	From	To	Date	Width and Length in Feet		
				15	40	50
Avon	Rockdale Ave.	Town line	July 25	.....	.....	260
Bliss	Bolton	Town line	Aug. 7	.....	.....	180
Bolton	Brook	Rockdale Ave.	Jan. 25	.....	.....	1350
Brook	Tallman	Deane	Dec. 12	.....	697	.....
Conduit	Wood	Brooklawn Park	Oct. 10	.....	.....	379
Dawson	Conduit	Felton	June 16	.....	.....	601
Dutton	Acushnet Ave.	Bowditch	Feb. 14	.....	.....	703
Emerson	Sycamore	Smith	April 26	.....	236	.....
Farm	Rockdale Ave.	John	April 11	.....	.....	325
Frank	Bolton	Hemlock	Jan. 25	.....	.....	534
Freeman	Emery	Ellen	Feb. 28	.....	.....	518
Ohio	Acushnet Ave.	Conduit	Dec. 12	.....	.....	245
Richards	Bolton	Town line	Oct. 10	.....	.....	329
Sylvia	Present terminus	Acushnet Ave.	Dec. 12	.....	.....	283
Webster Court	Hope	Diman	Oct. 25	652	.....	.....
Totals				652	933	5707

From Observations by Engineering Department

From Observations by Engineering Department

Record of Tides. 1919.

	HIGH TIDE			LOW TIDE			RANGE
Month.	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January							
February							
March	+3.00	+1.4	-.80	-3.643	-4.8	-1.8	-3.943
April	-.010	+1.4	-.10	-3.666	-4.6	-3.2	-3.656
May							
June	+.633	+1.8	-.05	-3.325	-4.0	-2.6	-3.958
July	+.482	+1.9	-.04	-3.745	-3.8	-2.4	-4.227
August	+.680	+1.8	-.05	-3.243	-4.0	-2.4	-3.923
September	+.300	+1.8	-.07	-3.122	-4.4	-2.3	-3.422
October	+.540	+1.6	-.04	-3.010	-4.2	-2.0	-3.550
November	+.760	+4.0	-.12	-4.000	-4.2	-2.0	-4.760
December	+.372	+2.2	-.07	-3.666	-5.2	-2.2	-4.038
Av. for year	+.452			-3.490			-3.942
Extreme year		+4.0	-.80		-5.2	-1.8	

All figures above refer to so-called "Mean high water" which is used at 0.85 below city datum.

Observations for 23 past years indicate that :

Average high water is .8378 below city datum.

Average low water is 4.394 below city datum.

Average range of tide is 3.556.

STREETS DISCONTINUED.

Clifford	Church	Railroad	Aug. 22	.....	.....	448
Jackson	Myrtle	Mt. Pleasant	Feb. 28	.....	.....	793
Monroe	Myrtle	Mt. Pleasant	Feb. 28	.....	.....	791
Summer	Van Buren	Jefferson	Feb. 28	.....	.....	566
		Totals	.....	.....	.....	2598
		Net totals	.....	652	933	3108

Total gain for year, 4692 ft.=0.888 miles.

ALTERATION OF LINES

Cook	Kempton	Mill	.....	159	.....
Brock Ave.	At Orchard	Circular cut off	.....	.....	.....

EXPENDITURES FOR ACCOUNT OF INTERCEPTING SEWER.

Fiscal Year 1919.

	Labor	Telephone	Electricity	Coal	Water	Supplies and equipment	Totals
Screen House	\$5,243.72	\$42.26	.....	\$1,718.43	\$92.15	\$692.81	\$7,789.37
Brock Avenue Station	3,491.44	41.01	\$2,898.16	140.28	11.37	573.04	7,155.30
First Street Station	942.91	.....	217.52	.....	10.00	67.94	1,238.37
Belleville Avenue Station	2,532.15	45.14	2,837.76	181.63	294.19	463.35	6,354.22
Flushing	1,660.81	.....	.....	.....	292.40	489.59	2,442.80
	\$13,871.03	\$128.41	\$5,953.44	\$2,040.34	\$700.11	\$2,286.73	\$24,980.06
Accident account							1,641.33
Military service account							29.08
Total net expenditures							\$26,650.47

CITY OF NEW BEDFORD.



ANNUAL REPORT.

City Engineer for the Year
1919.

IN BOARD OF ALDERMEN,

March 11, 1920.

Received, ordered printed in City Documents and
sent down for concurrence.

W. H. B. REMINGTON,

City Clerk.

IN COMMON COUNCIL.

May 13, 1920.

Concurred.

HAROLD WINSLOW,

Clerk

RAINFALL IN NEW BEDFORD 1919

ACUSHNET STORING STATION OF N.B. WATER WORKS-A TOTAL FOR YEAR 51.37
L.J. HATHAWAY, JR. AT CLIFFORD POST OFFICE-----H ----- 47.31

ENGINEERING DEPARTMENT AT CENTER OF CITY-E TOTAL FOR YEAR 45.46
QUITTACUS PUMPING STATION AT QUITTACUS POND---Q ----- 52.50

DAY	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				DAY								
	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q													
1	115	98							44	27	50	61					13												50	57	56	56					14	11		25	02	09	15	12	53	63	107	74			1						
2	51	74															58	78	82	79															113	54	125		03			25							2								
3	40	139	350	312																																22	64			19									3								
4	34	43		16				03				10					T		07																			107				17	04		48					4							
5					02				12	06						03			02		05																												5								
6		06	20	35					06			25																										04	10	11	26	12	21	116	26	21				6							
7																	13	02	07	14	06																													7							
8	T	02		10		04							03	04																																				8							
9		T											09	11	28	15		02		05				05	04	56	10		02	05		13		06		15														9							
10					30	12	10	25					12	13		16	86		85	152		120																												10							
11									02	03	07	08			44		85	152																																		11					
12													28	31		35	03	15	192	11																																12					
13													T				02																																			13					
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15	T	02		06		24	28		103																																										15						
16								108					72				127	95		04																																	16				
17										13	69		98	83	141	271	224		21		55																															17					
18	02			12					53								19	40		45																																	18				
19		03								17	90	226	108																																								19				
20																																																					20				
21																																																						21			
22																																																						22			
23	47	134	150		102	93	165	110		T		17				15		77	76	79	32																																23				
24	55			153					01				10	05			05																																					24			
25																	20	49	61	48																																		25			
26																																																									26
27																																																									27
28									96	105	113	103																																										28			
29																																																									29
30		10		04						T		40	56	60	73																																							30			
31										07		09																																												31	
TOTAL	342	5.11	520	548	375	366	396	381	315	341	445	437	282	308	356	337	591	421	483	427	317	222	285	242	683	475	435	559	570	733	734	794	474	447	484	606	213	235	221	178	328	334	462	423	246	278	256	248	TOTAL								

CITY OF NEW BEDFORD DETAILS OF SEWERS CONSTRUCTED IN 1919 — COMPILED BY ENGINEERING DEPARTMENT

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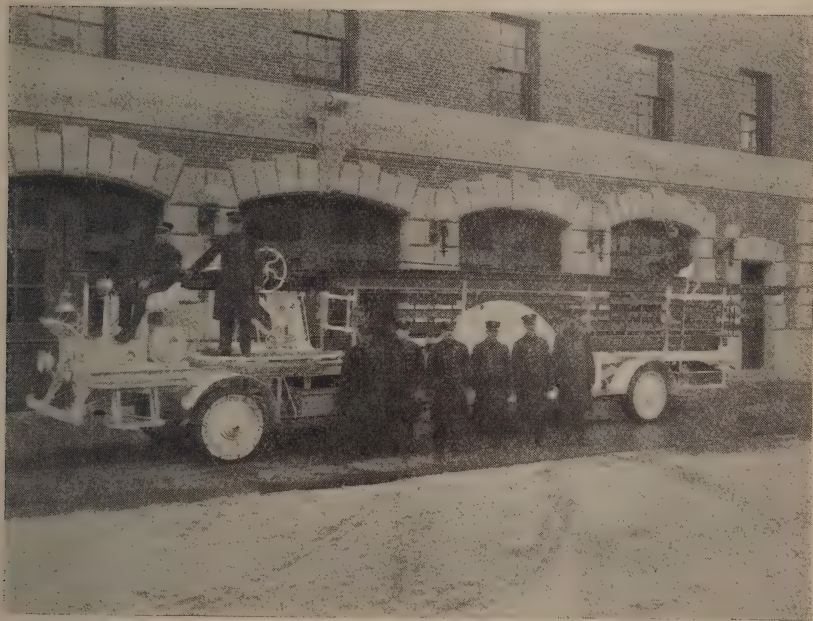
ANNUAL REPORT

OF THE

CHIEF ENGINEER

OF THE

FIRE DEPARTMENT



FOR THE YEAR ENDING DEC. 31, 1919

EDWARD F. DAHILL, Chief Engineer.

COMMITTEE OF THE CITY COUNCIL
ON
FIRE DEPARTMENT.

ALDERMEN,

CLIFTON W. BARTLETT,
CHARLES M. CARROLL,

COUNCILMEN,

JAMES L. McCARTHY,
HENRY ARKISON
FRANK B. WEST.

BOARD OF ENGINEERS.

CHIEF ENGINEER,

EDWARD F. DAHILL,
Office, Station No. 2.

FIRST ASSISTANT ENGINEER,

JAMES J. DONAGHY,
Headquarters, Station No. 2.

SECOND ASSISTANT ENGINEER,

FRANK R. PEASE,
Headquarters, Station No. 4.

THIRD ASSISTANT ENGINEER,

JOHN W. DONAGHY,
Headquarters, Station No. 10.

CLERK,

JOSEPH P. KENNEDY,

AIDE TO CHIEF,

LIEUT. FREDERICK G. GIFFORD

CAPTAINS IN CHARGE OF STATIONS.

REPAIR SHOP, STATION NUMBER ONE,
JAMES H. DOWNEY, Master Mechanic,
Appointed December 31, 1919.

HEADQUARTERS, STATION NUMBER TWO,
ROBERT E. ALLEN, Telephone Operator,
Appointed June 9, 1918.

STATION NUMBER TWO,
JOHN J. MAHON,
Appointed September 9, 1917.

STATION NUMBER THREE,
JAMES H. MAHONEY,
Appointed December 31, 1914.

STATION NUMBER FOUR,
FREDERICK E. RICKETSON,
Appointed August 15, 1910.

STATION NUMBER FIVE,
THOMAS H. FORBES,
Appointed April 1, 1897.

STATION NUMBER SIX,
FRANK A. LEWIS,
Appointed January 7, 1917.

STATION NUMBER SEVEN,
EDWARD H. COGGESHALL,
Appointed April 26, 1910.

STATION NUMBER EIGHT,
GEORGE H. COOK,
Appointed April 1, 1897.

STATION NUMBER NINE,
REUBEN TABER,
Appointed November 25, 1917.

STATION NUMBER TEN,
AMBROSE F. MERCHANT,
Appointed November 25, 1917.

STATION NUMBER ELEVEN,
FRANK A. C. GREENE
Appointed December 27, 1918.

ASSISTANT SUPERINTENDENT FIRE ALARM,
CAPT. ROBERT E. ALLEN,
Appointed March 26, 1913.

FIRE ALARM AND TELEPHONE OPERATORS,
LIEUT. JAMES T. WING,
Appointed December 31, 1914.

LIEUT. HORACE S. BENNETT,
Appointed November 18, 1917.

WILLIAM D. FLAGG,
Appointed December 31, 1919.

DEPARTMENT MECHANICS,
GEORGE H. BAYLIES,
Appointed March 13, 1910.

PHILIP J. PREVOST,
Appointed December 31, 1919.

DEPARTMENT LINEMAN,

Vacancy.

UNATTACHED,
CAPT. HARRY H. KIMBALL

PENSION ROLL.

CHARLES W. ALLEN, driver of Hose No. 3, joined the department April 25, 1892, placed on pension roll August 16, 1917.

EDWARD F. A. COWEN, hoseman Engine Co. No. 1, joined the department May 17, 1893, placed on pension roll August 16, 1917.

N. HERBERT GREENE, hoseman Engine Co. No. 4, joined the department October 31, 1882, placed on pension roll October 20, 1917.

ARTHUR R. McDONALD, hoseman Hose Co. No. 2, joined the department December 12, 1893, placed on pension roll March 25, 1918.

JOHN H. BACKUS, department mechanic, joined the department June 9, 1894, placed on pension roll October 19, 1919.

MRS. MARY M. NELSON, widow of Martin S. Nelson.
DAVID A. COBB, seriously injured May 27, 1915.

REPORT.

Headquarters Fire Department,
Chief Engineer's Office,

December 31, 1919.

The Honorable, the City Council:

Gentleman:—Herewith are presented the report of the Fire Department for the year ending December 31, 1919, the department roster, and such comments and recommendations as seem advisable.

One hundred and forty-six officers and members constitute the manual force, but this number will be increased to two hundred and twelve when Chapter 132, Acts of 1919, becomes effective and when Ladder Truck No. 4 is placed in commission, and the necessary company organized.

In commission are:

- 8 Motor combination pumping engines.
- 3 Electric aerial trucks equipped with Dahill Quick Hoists.
- 4 Motor combination chemical and hose carriers.
- 4 Runabouts for the Chief and the Assistant Engineers.
- 1 Supply car for the Repair Force.
- 1 Runabout for the Fire Alarm Branch.

In reserve are:

- 1 Electric aerial truck equipped with Dahill Quick Hoist.
- 1 Motor combination chemical and hose carrier.
- 1 Motor hose carrier.
- 5 Steam fire engines equipped with short towing poles.

All reserve apparatus is in readiness for service.

With the exceptions of Engines 9 and 10, and the runabout of the Fire Alarm Branch the apparatus is in good condition.

19,950 feet of 2½-inch rubber lined cotton hose, mostly in good condition, are in service.

Ten brick and one frame stations quarter the force and apparatus.

Seventy private and one hundred thirty-four public fire alarm boxes are in service, an increase of one private and two public boxes during the year.

A traffic gong has been placed at Pleasant and Kempton streets.

Extensive alterations have been made to Station No. 1 to fit it for the repair force which is now located there. The interior of Station No. 8 has been remodelled to provide accommodations for a truck company. The work in both stations was performed by the department forces.

An attempt to have the special session of the Legislature of 1919 receive a bill to correct the faults of Chapter 132, Acts of 1919, was not successful although the need for remedial legislation was apparent and most urgent. It is hoped that the Legislature of 1920 will take the necessary action promptly to make the "Two Platoon" act reasonable and workable.

The fire losses of 1919 were much in excess of those of 1918, amounting to \$236,301.29. Six serious fires accounted for \$167,162.85 of the total. These were

Towboat Neptune, February 19.

W. A. Robinson & Co., oil works, March 1.

Potomska Mills, September 9.

Manomet Mills, November 15.

Nonquitt Mills, December 2.

Page Mill, December 8.

FATALITIES.

Joseph Bazinet died March 25 from burns sustained March 23, 1919.

Daniel E. Perry died March 30 from burns sustained March 27, 1919.

FINANCIAL STATEMENT.

DR.

Appropriation	\$253,000.00	
Receipts	436.87	
Transfer	856.05	
		————— \$254,292.92

CR.

Salaries and pay rolls.....	\$219,627.00	
Supplies and furnishings.....	4,864.85	
Apparatus repairs.....	3,965.36	
Station repairs	2,289.67	
Fire alarm	4,566.67	
Telephones	747.33	
Fuel	9,965.30	
Light and power.....	2,059.33	
Hose and couplings.....	2,256.99	
Battery charging, trucks	541.95	
Miscellaneous	637.69	
Transfer	2,770.78	
		————— \$254,292.92

FIRE DEPARTMENT

REPORT OF ALARMS, LOSSES AND INSURANCE FOR THE YEAR 1919.

Month	—Alarms—		—Damage—		—Insurance—	
	Bell	Still	Buildings	Contents	Buildings	Contents
January	24	36	\$5,124.94	\$4,717.00	\$262,681.67	\$318,317.00
February	14	53	52,330.40	585.50	212,450.00	4,800.00
March	20	46	30,061.11	32,613.00	367,700.00	21,407.75
April	14	36	3,137.00	2,168.60	79,000.00	21,825.00
May	10	30	2,262.95	1,006.50	30,000.00	10,410.00
June	19	35	3,361.80	2,536.00	80,400.00	12,600.00
July	19	43	5,626.25	1,848.40	102,600.00	6,400.00
August	9	25	1,493.00	2,248.50	27,400.00	6,500.00
September	8	15	4,353.50	18,549.85	4,281,400.00	1,800.00
October	18	26	2,048.24	2,070.00	3,187,700.00	159,400.00
November	14	29	5,846.36	14,904.00	11,516,400.00	68,300.00
December	16	39	5,432.05	31,976.34	12,956,500.00	154,800.00
	185	413	\$121,077.60	\$115,223.69	\$33,104,231.67	\$786,559.75

Above building insurance reported includes blanket policies covering buildings and contents to the amount of \$30,534,500.00.

Total reported loss.....	\$236,301.29
Total reported insurance.....	33,890,791.42
NO SIGNAL FIRES.	
Number of fires reported.....	45
Damage to buildings.....	\$722.72
Damage to contents	12,893.03
Total damage reported	\$13,615.75

Insurance on buildings.....	\$93,645.00
Insurance on contents.....	229.00
Total insurance reported.....	\$93,874.00

CAUSES FOR FIRES AND ALARMS.

Back draught	4
Back fire	4
Blow torch ignited wood.....	1
Boiling tar	4
Bonfire	2
Boy threw burning broom onto roof.....	1
Broken gas fixture.....	1
Burning brush	33
Burning collar pad on furnace pipe.....	1
Burning dump	23
Burning excelsior	1
Burning fence	1
Burning food	8
Burning grass	34
Burning grease	3
Burning hay	1
Burning insulation from old wires	1
Burning leaves	1
Burning rags	2
Burning rubbish	16
Burning soot	62
Burning tar	2
Burning tree	3
Candle accident	3
Careless gas piper	1
Careless smoker	20
Child and match	21
Cigar in wooden box	1
Child playing with fire	2
Cigar on awning	2
Cigar on roof	2
Cigarette on awning	2
Defective automatic alarm	1
Defective chimney	14
Defective fireplace	4
Defective floor under melting pot	1
Defective furnace	1
Defective oil stove	1
Defective stove pipe	2
Defective wiring	6
Electricity	15
Electric flat-iron	2
False alarms	31
Fireworks	17
Foreign substance in cotton	4
Gas explosion	4
Gasoline accident	4
Gasoline carelessness	3
Gas stove accident	1
Heating oil on furnace	1
Hot ashes on hot iron	1
Hot ashes in wooden barrel.....	3

Hot ashes on wood	1
Hot coals ignited wood	1
Lamp accident	1
Lamp explosion	3
Lightning	2
Locomotive spark	6
Loose gas cock	1
Match accident	1
Match carelessness	5
No fire found	18
Oil in contact with flame	1
Oil stove accident	4
Overheated chimney	2
Overheated furnace	2
Overheated gas stove	1
Overheated oil stove	1
Overheated stove	4
Overheated stove pipe	3
Paint on stove ignited	1
Painter's torch	2
Petroleum accident	1
Petroleum on stove	1
Petroleum on fire	1
Plumber's torch	1
Rats and matches	3
Remaining sparks	11
Short circuit	9
Smoking in bed	2
Smouldering ruins	1
Sparks from chimney	12
Sparks from stove	1
Spontaneous combustion	6
Spontaneous ignition	2
Thawing water pipe	4
Unknown	75
Unnecessary alarm	1
Unusual smoke	16
Out of city. Acushnet 5, Dartmouth 5, Fairhaven 1.....	11

RECOMMENDATIONS.

I recommend the early purchase of two thousand feet 2½ inch hose.

For the better protection of the rapidly growing sections of the city, twenty fire alarm boxes should be purchased and installed.

A battery charging set for the aerial truck to be quartered in Station No. 8, should be purchased and set up without delay, the aerial truck purchased in 1917 for the protection of the northern part of the city should be placed in commission, with the necessary company,

immediately. Both of these recommendations were included in the 1918 report, as was also the recommendation that two motor pumping engines be purchased, but I feel the necessity of repeating them. The rapid growth of the northern part of the city, the unreliability of Engines 9 and 10, the growing necessity for prompt ladder service must be dealt with if proper fire protection is to be given. Lack of apparatus or failure of that which is now in commission at a critical moment may result in a serious conflagration attended with much loss of life and property. Prompt consideration and action on these recommendations seem imperative, and cannot be urged too strongly.

CONCLUSION.

To His Honor, the Mayor, the City Council, the Committee on Fire Department, the officers and members of this department, and to the other municipal departments am I deeply grateful for the splendid spirit of support and co-operation always manifested.

Respectfully submitted,

EDWARD F. DAHILL,

Chief of Department.

ENGINE COMPANY No. 1.

Date of Joining Dept.	No of badge	Name	Rank
April 24, 1893	10	James L. Haskins	Captain
May 1, 1910	8	William S. Gatenby	Lieutenant
Aug. 3, 1903	19	George H. Denham	Chauffeur
Dec. 12, 1912	18	George T. Davis	Hoseman
Sept. 2, 1917	13	Thomas F. McCauley	"
Dec. 1, 1917	14	Joseph Francis	"
May 1, 1918	12	Lawrence J. Boland	"
May 2, 1918	20	Alfred J. Normandin	"
June 30, 1918	16	William F. Mannion	"
July 6, 1918	6	Walter Earnshaw	"

ENGINE COMPANY No. 2.

Date of Joining Dept.	No of badge	Name	Rank
Aug. 10, 1909	21	Walter H. Merchant, Jr.	Captain
Jan. 3, 1915	22	Frank J. Nicklas	Lieutenant
Mar. 10, 1884	23	Benj. C. Groves	Chauffeur
Nov. 25, 1917	25	Ephraim L. Studley	Hoseman
Dec. 7, 1917	29	William P. Robert	"
Dec. 7, 1917	30	Ruel D. Manchester	"
June 2, 1918	24	Edmund Roberts, Jr.	"
Nov. 3, 1918	26	James Kidd	"
Nov. 7, 1918	28	Joseph E. Pidgeon	"
Nov. 30, 1919	27	Peter J. Cournoyer	"

ENGINE COMPANY No. 3

Date of Joining Dept.	No of badge	Name	Rank
May 1, 1896	31	James H. Mahoney	Captain
Nov. 21, 1913	32	Charles J. Calnan	Lieutenant
April 28, 1892	33	William R. Moore	Chauffeur
Feb. 11, 1908	35	John Sylvia	Hoseman
July 11, 1904	37	Frank R. Riley	"
May 12, 1909	38	Thomas F. Breakell	"
Nov. 25, 1917	34	Douglas E. Gay	"
Jan. 1, 1895	36	Edward C. Neagus, Jt.	"

ENGINE COMPANY No. 4.

Date of Joining Dept.	No of badge	Name	Rank
Oct. 4, 1897	44	Frederick E. Ricketson	Captain
Dec. 30, 1895	51	John E. Joseph	Lieutenant
Nov. 25, 1917	59	Manuel M. Alves, Jr.	Chauffeur
May 28, 1894	45	Louis A. Viereck	Hoseman
Oct. 19, 1908	57	Edward F. Wood	"
Oct. 13, 1913	42	Joseph E. Freitas	"
Sept. 7, 1917	54	Frank E. Souza	"
Dec. 7, 1917	48	John F. Sylvia	"
Dec. 9, 1917	55	Thomas McCue	"
Mar. 31, 1918	56	Arthur H. Mosher	"

ENGINE COMPANY No. 6.

Date of Joining Dept.	No of badge	Name	Rank
Nov. 14, 1894	138	Frank A. Lewis	Captain
Mar. 10, 1908	131	Miles L. Fay	Lieutenant
Oct. 26, 1903	136	Frank H. Vincent	Chauffeur
Jan. 1, 1895	124	George H. Whelan	Hoseman
Sept. 11, 1906	137	Henry L. Burding	"
Oct. 19, 1908	132	John McQuilken, Jr.	"
Aug. 1, 1917	125	Daniel O'Neil	"
Aug. 1, 1917	123	Thomas Wooley, Jr.	"

ENGINE COMPANY No. 7.

Date of Joining Dept.	No of badge	Name	Rank
Sept. 1, 1890	205	Edward H. Coggeshall	Captain
Oct. 19, 1908	215	William F. McDonald	Lieutenant
Mar. 12, 1891	212	Joseph L. Crowley	Chauffeur
Sept. 1, 1890	200	William H. H. S. King	Hoseman
Jan. 12, 1892	201	George W. Haskins	"
Mar. 1, 1901	199	Henry Leeming	"
Dec. 13, 1898	202	John H. Galligan	"
May 9, 1905	211	Joseph A. Mahoney	"

ENGINE COMPANY No. 9.

Date of Joining Dept.	No of badge	Name	Rank
Dec. 13, 1888	146	Reuben Taber	Captain
April 2, 1895	148	William J. Moore	Lieutenant
Sept. 30, 1917	157	Manuel C. Claudino	Chauffeur
June 1, 1907	150	Horace A. Bird	Hoseman
Dec. 6, 1886	145	John F. Parker	"
Nov. 25, 1917	151	Charles A. Yail	"
Dec. 13, 1917	159	William A. Nelson	"
Nov. 25, 1917	149	Walter H. Hawes	"

ENGINE COMPANY No. 10.

Date of Joining Dept.	No of badge	Name	Rank
Mar. 1, 1901	240	Ambrose F. Merchant	Captain
Nov. 1, 1910	242	John H. McDonald	Lieutenant
Oct. 14, 1915	247	Percy Shepherd	Chauffeur
Dec. 18, 1894	245	John T. Conway	Hoseman
Nov. 23, 1913	249	Thomas J. Summers	"
Nov. 27, 1917	248	Henry Hesford, Jr.	"
Dec. 2, 1917	246	Alexander Strack	"
July 17, 1918	243	William H. Green	"
Nov. 25, 1917	241	Ernest Lord	"
Nov. 25, 1917	250	Albert P. Boehman	"

HOSE COMPANY No. 1.

Date of Joining Dept.	No of badge	Name	Rank
May 1, 1910	85	John J. Mahon	Captain
May 19, 1916	83	Albert Wooley	Lieutenant
Sept. 16, 1917	84	John Hubbard	Chauffeur
Nov. 25, 1917	81	Manuel G. Marshall, Jr.	Hoseman
Dec. 1, 1917	79	Thomas R. F. Wholley	"
Jan. 27, 1918	80	William J. Martin	"
April 2, 1918	82	John F. Maguire	"

HOSE COMPANY No. 2.

Date of Joining Dept.	No of badge	Name	Rank
May 5, 1884	185	George H. Cook	Captain
Oct. 26, 1903	191	Frank N. Cleveland	Lieutenant
Jan. 24, 1917	187	Francis J. Kennedy	Chauffeur
Dec. 1, 1894	189	Antonio M. Lemos	Hoseman
Dec. 15, 1912	193	Michael J. Melia	"
Sept. 6, 1917	186	Joseph Rumney	"
Oct. 1, 1917	192	Joseph G. E. Bessette	"

HOSE COMPANY No. 4.

Date of Joining Dept.	No of badge	Name	Rank
Oct. 31, 1882	270	Frank A. C. Greene	Captain
July 13, 1908	272	Edward A. Pollock	Lieutenant
Sept. 8, 1908	274	Allan L. Phillips	Chauffeur
Dec. 9, 1894	271	Frederick E. Mosher	Hoseman
Jan. 4, 1900	275	Richard F. Burke	"
Aug. 11, 1908	276	James Sanderson, Jr.	"
Mar. 10, 1908	273	John Wooley	"

HOSE COMPANY No. 5.

Date of Joining Dept.	No of badge	Name	Rank
Dec. 31, 1888	70	Thomas H. Forbes	Captain
May 9, 1905	75	Edward J. Bly	Lieutenant
Oct. 23, 1906	71	James S. Cooke	Chauffeur
Sept. 1, 1892	77	Charles A. Haskins	Hoseman
Dec. 31, 1888	74	William H. Young	"
Feb. 3, 1902	72	Charles H. Lawrence	"
Nov. 25, 1917	73	Nathaniel H. Caswell, Jr.	"

LADDER COMPANY No. 1.

Date of Joining Dept.	No of badge	Name	Rank
Aug. 29, 1904	92	William N. Whelan	Captain
July 1, 1896	95	William L. Durfee	Lieutenant
May 1, 1910	97	Norman S. Dyer	Chauffeur
Feb. 13, 1895	100	Isaac R. Allen	Tillerman
Dec. 5, 1887	98	George S. Allen	Ladderman
April 22, 1896	105	Charles E. Robertson	"
Mar. 10, 1918	107	Shirley B. Allen	"
Oct. 7, 1918	101	Edward J. Regan	"
July 17, 1917	106	Robert Cocking	"
Dec. 7, 1919	104	William A. Lenhart	"

LADDER COMPANY No. 2.

Date of Joining Dept.	No of badge	Name	Rank
Aug. 10, 1909	178	James Doran	Captain
Oct. 1, 1895	176	John E. Murphy	Lieutenant
Mar. 1, 1892	173	William Sellecks	Chauffeur
Dec. 1, 1917	179	Edward McKay	Tillerman
Dec. 1, 1917	181	John C. Wing	Ladderman
Dec. 1, 1917	183	Albert Berry	"
Dec. 2, 1917	175	Irvine W. Nelson	"
Mar. 17, 1918	172	Roland H. Cobb	"
July 17, 1918	177	Philip A. Rainville	"
Dec. 1, 1917	171	Stephen F. Miller	"

LADDER COMPANY No. 3.

Date of Joining Dept.	No of badge	Name	Rank
Dec. 15, 1892	232	Charles E. Greene	Captain
Mar. 7, 1911	233	Arthur E. Souza	Lieutenant
Jan. 8, 1907	218	Ernest G. S. Teachman	Chauffeur
Jan. 7, 1917	230	Alfred A. Desroches	Tillerman
Oct. 1, 1902	228	Frank T. Cooke	Ladderman
Oct. 19, 1908	231	William J. Gibbs, Jr.	"
Nov. 25, 1917	224	Thomas Collins	"
Nov. 26, 1917	234	William Behan	"
Jan. 2, 1918	227	Thomas W. Whittaker	"
May 21, 1911	226	John E. McDonald	"

NEW BEDFORD PROTECTING SOCIETY.

JOSEPH F. CORNWELL, President.

CHESTER P. REXFORD, Secretary and Treasurer.

DIRECTORS.

Henry S. Hutchinson
Thomas B. Akin
Charles S. Baylies
F. Oscar Covill

Frank P. R. Patterson
Ernest H. Boucher
George I. Macy
Frederick B. Macy

George H. H. Allen
Merrill D. Anthony
Morgan Butler
Arthur T. Brooks
Andrew J. Brooks
Harry C. Brightman
William S. Bourne
John K. Blair
Harry Burke
James E. Budlong
Isaac H. Coe, Jr.
Laurance D. Chapman
Chester W. Chase
Everett B. Case
Otis M. Dunham
Arthur D. Delano
William C. Dawe
Edward F. Dahill, Jr.
Arthur S. Francis
James P. Francis
Wellington A. Francis
Frank H. Gifford
Thomas J. Gifford
Henry Howard, Jr.
James L. Humphrey, Jr.
George P. Hurl
Henry S. Knowles
Charles S. Kelley, Jr.
John M. Lancaster
Harry C. Lawton
J. Roland Macy

Hyman Mendelson
Phylander F. Manchester
Henry J. Makin
Edward A. Oesting
George L. Olivier
Charles E. Oman
Ward M. Parker
Samuel H. Perry
William C. Phillips
Aime J. Poirier
William F. Potter
Stephen D. Peirce
Joseph M. Read
Charles A. Russell
William A. Robinson, Jr.
W. Kempton Read
William S. Sagar
Charles S. Sharples
Daniel J. Sullivan
Georg A. St. Germain
Arthur Sharples
Horace W. Swift
Alex T. Smith
Nat C. Smith
Louis A. Sears
John C. Shaw
William T. Taylor
Clifton P. Tuell
Frederic H. Taber
Thomas W. Williams
James A. Webber

Allen T. Weeks

FIRE ALARM TELEGRAPH 1919

SUPERINTENDENT

EDWARD F. DAHILL, Chief Engineer.

Assistant Superintendent

CAPT. ROBERT E. ALLEN.

LOCATION OF SIGNAL BOXES

PRIVATE BOXES

112	Pairpoint Corp.	218	Soule Mill
113	Quissett Mill	221	Whitman Mills
114	City Mills	223	Manomet Mill No. 1, foot of Hathaway St.
115	Potomska Mills	2231	Manomet Mill 2, foot of Nash Road.
116	Acushnet Mills	224	Nashawena Mills, Belleville Ave. and Belleville Road
117	Hathaway Mills	2241	Nashawena Mills, Belleville Ave. and Hatch St.
118	Dartmouth Mills	2242	Nashawena Mills, Conduit St., foot of Central Ave.
12.	Butler Mills	225	Nonquitt Mill No. 1, foot of Covell St.
122	Holmes Mill	2251	Nonquitt Mill No. 2, foot of Covell St.
124	Booth Mill	226	Manomet Mill No. 3
125	Kilburn Mills	23	Neild Mill
13	Page Mill	231	Pierce Bro. Ltd. Mill
131	Gosnold Mills	232	Taber Mill
132	Rotch Mills—Orchard St.	233	N. B. Cotton Mills
133	Rotch Mills—Bolton St.	234	Beacon Mills
134	Sharp Mills	235	National Spun Silk Co.
14	Morse T. D. & M. Co.	24	U. S. Ry. Co., Weld St.
141	Frank L. Young Co.	241	Snell & Simpson
142	N.B. Gas & Ed.Lt.Co., Water St.	242	Smith Bros. Brewery
143	N. E. Steamship Co.	243	N. B. Warehouse, Sawyer St.
144	N. E. Telephone & Tel. Co.	244	Dawson's Brewery
145	U. S. Ry. Co., Power House	245	W. C. Jones Co.
146	U. S. Ry. Co., Popes Island	246	Belleville Warehouse
147	Terminal Warehouse—Front St.	247	N. B. Cotton Waste Co.
148	J. C. Rhodes & Co.	25	A. L. Blackmer Co.
149	State Pier	251	Taunton-N. B. Copper Co.
15	N. B. Cordage Co.	252	Z. B. Davis Corp.
16	St. Luke's Hospital	253	Freight House, Pearl St.
21	E. E. Taylor Shoe Co.	254	Freight House, Willis St.
211	N. B. Spinning Co.	255	Railroad Engine House
212	Wamsutta Mills	256	Hill & Cutler Co.
213	Grinnell Mill	28	Continental Wood Screw Co.
214	Bristol Mill		
215	Columbia Mills		
216	Pierce Mill, Belleville Av. and Sawyer St.		
2161	Pierce Mill, foot of Dean St.		
217	Bennett Mills		

PUBLIC BOXES

3	Lunds Corner	51	Purchase and Franklin Sts.
31	Acushnet Ave. and Wood St.	511	County and Parker Sts.
311	Acushnet Ave. and Perry St.	512	Purchase and Willis Sts.
312	Acushnet Ave. and Hatch St.	513	Acushnet Ave. and Maxfield St.
313	Acushnet Ave. and Belleville Rd.	514	Sycamore and State Sts.
315	Howard Ave. and River Rd.	515	Acushnet Ave. and Wall St.
316	Belleville Ave. and Covell St.	52	Merrimac and Summer Sts.
317	Belleville Rd. and Hope St.	521	Cedar and Locust Sts.
319	Acushnet Ave. and Nash Rd.	522	Chestnut and Willis Sts.
32	Wood and Felton Sts.	523	Shawmut Ave. and Parker St.
323	Bowditch and Shaw Sts.	524	Smith and Cedar Sts.
324	Nash Rd. and Bowditch St.	53	Kempton and Liberty Sts.
334	Nash Rd. and Church St.	531	Kempton and Florence Sts.
363	Shawmut Ave. and Plainville Rd.	532	Kempton and Reed Sts.
375	Tarkiln Hill Rd. and Lowell St.	533	Kempton and Jenny Lind Sts.
38	Acushnet and Squin Aves.	54	Purchase and North Sts.
386	Acushnet Ave. and Phillips Rd.	541	Water and North Sts.
		542	Water and Middle Sts.
		543	Fish Island
		544	Rodman and Front Sts.
4	Tinkham Ave. and No. Front St.	551	County and Maxfield Sts.
41	Hathaway and Diman Sts.	552	County and Kempton Sts.
411	Belleville Ave. and Davis Sts.	553	Pleasant and High Sts.
412	Acushnet Ave. and Davis St.	554	Purchase and Elm Sts.
413	Bowditch St. and Coffin Ave.	556	William and North Sixth Sts.
414	Coffin Ave. and No. Front St.	56	Union and Eighth Sts.
415	Belleville and Coffin Aves.	561	Union and Purchase Sts.
416	Acushnet Ave. and Bullard St.	562	William and North Second Sts.
42	Belleville Ave. and Nye St.	563	Union and Water Sts.
421	Tallman and Bowditch Sts.	57	Hillman and Ash Sts.
422	Acushnet Ave. and Sawyer St.	571	Park and Keene Sts.
423	Holly and North Front Sts.	58	Kempton and Cedar Sts.
43	Acushnet Av. and Coggeshall St.	581	Court and Cedar Sts.
431	Belleville Av. and Coggeshall St.	582	Union and Park Sts.
432	Cedar Grove and No. Front Sts.	583	Union and Rounds Sts.
433	Cedar Grove St. and Acush. Av.	59	Court and James St.
434	Acushnet Av. and Washburn St.		
435	Hicks and North Front Sts.	6	Purchase and School Sts.
441	Brook and Earl Sts.	61	Pleasant and Madison Sts.
442	Bowditch and Earl Sts.	611	Walnut and Seventh Sts.
452	Mt. Pleasant St., near Reservoir	612	Walnut and Water Sts.
453	Mt. Pleasant and Sawyer Sts.	613	Water and Coffin Sts.
46	Sawyer and County Sts.	614	Water and Leonard Sts.
461	Coggeshall and Reynolds Sts.	615	Acushnet Ave. and Cannon St.
462	Purchase and Cedar Grove Sts.	616	Bedford and Sixth Sts.
463	County and Clark Sts.	62	Allen and Dartmouth Sts.
464	Myrtle and Clark Sts.	621	Bedford and Borden Sts.
47	Purchase and Linden Sts.	622	Allen and Page Sts.
471	County and Linden Sts.	623	Allen and Brigham Sts.
472	Cottage and Durfee Sts.	63	Hawthorn and Page Sts.
48	Shawmut Ave. and Durfee St.	631	Hawthorn and Brigham Sts.
482	Shawmut Ave. and Grand St.	632	Ryan and Brownell Sts.
484	Shawmut Av. and Hathaway Rd.	64	Orchard and Clinton Sts.
49	Rockdale Ave. and Rogers St.	641	Arnold and Ash Sts.
		642	Arnold and Atlantic Sts.
		643	Arnold and Rotch Sts.
5	Hazard and State Sts.		

7	Howland and Second Sts.	74	Dartmouth and Rockland Sts.
71	Water and South Sts.	741	Dartmouth and Dunbar Sts.
711	Purchase and Potomska Sts.	743	Hemlock and Sagamore Sts.
712	Water and Rivet Sts.	744	Field and Matthew Sts.
713	Water and Division Sts.		
714	Water and Cove Sts.	8	Almshouse
72	County and Grinnell Sts.	81	Isolation Hospital
721	Rockland and Hall Sts.	811	Brock Ave. and Hudson St.
722	Orchard and Fair Sts.	812	Brock Ave. and Capitol St.
723	County and Mosher Sts.	813	Brock Ave. and Butler Sts.
724	County and Nelson Sts.	814	Brock Ave. and Mott St.
73	Crapo and Rivet Sts.	816	Ruth and Salisbury Sts.
731	Rivet and Bolton Sts.	821	W. French Ave. and Willard St.
732	Crapo and Division Sts.	83	East French Ave. and Cove St.

CITY OF NEW BEDFORD.

In Board of Aldermen,

February 26, 1920.

Received and ordered printed in City Documents
and sent down for concurrence.

W. H. B. REMINGTON,

City Clerk.

In Common Council,

February 26, 1920.

Concurred.

HAROLD WINSLOW,

Clerk.

FORTY-FIRST ANNUAL REPORT

OF

THE BOARD OF HEALTH

OF THE

CITY OF NEW BEDFORD

To the City Council for the Year 1919



NEW BEDFORD, MASS.:

NEW BEDFORD PRINTING CO., PRINTERS

1920

HEALTH DEPARTMENT, 1919.

Members of Board

COOPER GAW, Chairman L. Z. NORMANDIN, M. D.

JOSEPH R. GLENNON

Agent and Executive Officer

WILLIAM G. KIRSCHBAUM

Clerk

SUSAN J. SMALL

Assistant Clerk and Stenographer

EDNA E. WRIGHT

Medical Inspector

A. N. SENESAC, M. D.

Oculists

C. M. ATCHISON, M. D. A. NORMANDIN, M. D.

Bacteriologist

A. H. MANDELL, M. D.

Venereal Disease Clinic

A. H. MANDELL, M. D., Chief

Tuberculosis Clinic

S. H. REMICK, M. D., Chief A. H. MANDELL, M. D., Assistant

Medical School Inspectors

J. F. WEEKS, M. D.

ELLEN R. CANNY, M. D.

D. J. LOWNEY, M. D.

E. ST. J. JOHNSON, M. D.

CHAS. SHANKS, M. D.

J. P. ST. GERMAIN, M. D.

J. C. ROSS, M. D.

W. A. NIELD, M. D.

A. V. PIERCE, M. D.

W. ROSEN, M. D.

EDWARD DEHN, M. D.

School Examiner

CHARLES F. CONNOR, M. D.

Inspector of Milk, Provisions and Slaughtering

H. B. HAMILTON, V. S.

Interpreter and Milk Collector

FREDERIC J. FRANCIS

Supervisor of Nurses

MARGARET J. DIAZ

Public Health Nurses

THERESA LYONS

SARA W. CHACE

PHILOMENA E. VARGAS

HARRIET M. MURPHY

BERYL I. ROSS

AZUBAH C. DEXTER

MINA DONNELLY

MARY C. PUTNAM

Parochial School Nurse

MARY I. SHER

Sanitary Inspectors

JOHN E. GLENNON

THOMAS DAHONEY

EDWARD RAYMOND

Plumbing Inspectors

LOUIS H. RICHARDSON

WILLIAM DEACON

REPORT

New Bedford, January 1, 1920.

To His Honor, the Mayor, and Gentlemen of the City Council:

In the year 1919 New Bedford shared with the rest of the country in generally good health conditions.

The death rate, calculated on an estimated population of 122,695 and total deaths of 1626, was 13.25 per 1000. This is the lowest general death rate in the history of the city.

The number of deaths of children under one year of age was 414; the number of births 3331, showing an infant mortality of 124.28 per thousand births. This is also the lowest ever recorded. Births were fewer than in any year since 1906, and the number of infant deaths the smallest since 1905. In 1918 both the number of deaths and the death rate were excessively high; this year's figures, showing an appreciable reduction from the previous lowest rate of 1917, indicate that the setback in 1918 was temporary, and that measures adopted to save babies are producing results.

CHANGES IN ORGANIZATION.

In the fall of the year the board established the position of director of field work and lecturer, and appointed to this position Rev. William B. Geoghegan, whose public health activities in New Bedford, particularly in support of the Sassaquin Sanatorium, has been of such great value to the community.

The director of field work was given charge of the clinics maintained by the board, the direction of the work of the public health nurses, and the promotion of health education in general. In the last named field Mr. Geoghegan has given health talks to workers in many of the cotton mills that have served to arouse interest in health matters and inform the public of the service the health department is prepared to render.

There is a great field for educational work of all kinds, and it is hoped that with Mr. Geoghegan in charge this may be extensively developed.

NEW ACTIVITIES.

The scope of our infant welfare work was enlarged during the year by the addition of two more infant welfare nurses, and the establishment of three well-baby clinics, one at the north end, one at the south end, and one in the center.

The purpose of these clinics was to keep well babies well. Mothers have been urged to bring their babies to the clinic for weighing and observation by a physician. Where babies are found to be in need of medical or surgical treatment, measures are taken to see that these are furnished. Changes in feeding are ordered by the doctor in charge. The physician is thus able to help the work of the nurses in the homes. Expectant mothers may also receive prenatal advice and instruction at these clinics.

Dr. Erik St. John Johnson was placed in charge of this work at the start, but was unfortunately compelled by poor health to abandon it. The clinics have been handicapped by the difficulty of securing regular attendance by physicians, but when this matter is straightened out they should prove a valuable feature of the board's infant welfare work.

VENEREAL DISEASE CLINIC.

Early in the year the board opened a clinic for the treatment of venereal diseases in charge of Dr. A. H. Mandell, whose appointment as chief of clinic had been approved by the state department of health.

The success of this clinic has been extremely gratifying. Originally two sessions a week were held; this was later increased to three. It was expected that for a long time the attendance would be negligible, but at the very start the number of persons seeking treatment and advice was considerable, showing the existence of a need of such an institution.

TENEMENT HOUSE INSPECTION.

Early in the fall the board, as a first step in the creation of a tenement-house inspection service, assigned Sanitary Inspector Edward Raymond to this field of work.

The most congested district of the north end was made the starting point, and a thorough house to house inspection instituted.

Early results showed the importance of this field of health work. Under a special housing act the New Bedford Board of Health possesses rather broad powers. The question is how

best to use them to improve housing conditions. Here the chief difficulty is in overcrowding. Where the worst conditions prevail the nominal tenant lets practically every room to one or two lodgers, with the result that the household is overcrowded, a health menace created, and serious moral hazards brought into existence.

The dirty tenement is always a problem. Here it was found that while the fault was usually the tenant's, there were many cases where families who would under favorable conditions take some pride in their homes and try to keep them clean, were discouraged from doing so by the unwillingness of the landlords to make repairs. In many cases notices were sent to the owners, calling their attention to the need of repairs, white-washing, and the like, and directing that the work be done. Almost without exception the landlords gladly complied with instructions.

A few dwellings were ordered abandoned and serious overcrowding was corrected. It took time and patience to do this, but in the end the inspector had his way. What made the problem more difficult was the genuine scarcity of tenements.

As yet the tenement inspection problem has only been scratched. The board is satisfied, however, that the work begun should be prosecuted vigorously, and that gradually an adequate inspection service should be created. At least one additional inspector is needed now.

On the experience of the inspector in the field the board proposes to base a set of tenement house regulations, not so much for purposes of court action, although that is sometimes needed, as for their educational value in setting a standard. An adequate, intelligent inspection service will not alone compel observance of certain rules calculated to maintain a decent standard of living, but will gradually elevate that standard.

EXPENDITURES.

The expenditures during the year by months were as follows:

December,	\$9,953.18
January,	10,607.43
February,	10,857.92
March,	10,711.96
April,	11,565.40
May,	11,870.71
June,	10,958.39

July,	12,130.51
August,	14,255.02
September,	13,193.69
October,	12,087.92
November,	12,585.88
	<hr/>
	\$140,778.01

VACCINATIONS.

During the year there were 2,456 free vaccinations performed at the office of the board.

PLUMBING.

During the year there were issued 702 permits for plumbing work of all kinds, 495 being for old buildings and 207 for new structures. The work is classified as follows:

Water closets,	911
Sinks,	742
Bathtubs,	373
Washbowls,	540
Washtubs,	129
Urinals,	44
Drains,	47
Deep traps,	1
Surface traps,	9
Conductors,	14

LICENSED UNDERTAKERS.

Vital Girard,	William A. Payette,
Albert R. Tallman,	Frank L. Rogers,
Edward D. Murphy,	Peleg H. Sherman,
Aldege Chausse,	Jeremiah F. Sullivan,
Rodolphe J. Carrier,	Weston C. Vaughan, Jr.,
W. S. Dillingham,	Edward T. Wilson,
Thomas E. Greene,	Joseph S. Williams,
Harris & Dunstan,	John E. Moriarty,
A. P. Lagasse & Son,	Charles E. Frates
F. P. Macedo & Son,	Frank E. Francis
Henry J. Proulx,	Peter Murach.

Respectfully submitted,

COOPER GAW,
L. Z. NORMANDIN, M. D.,
JOSEPH R. GLENNON,

Board of Health.

AGENT'S REPORT.

New Bedford, January 1, 1920.

To the Board of Health:

GENTLEMEN:

The statistical record of the work performed in this department during the past year is herewith appended, that portion in charge of the supervisor of nurses appearing elsewhere in this report. The following table is of interest, showing as it does, the number of births reported to this department, together with the number of cases of ophthalmia neonatorum and suppurative conjunctivitis found in the newly born. It is interesting to note that of the 3314 births reported, 937 were registered by midwives.

BIRTHS, 1919.

	No. of Births reported to Board	No. reported by Midwives	Visits by Nurse	Reports of Ophth. Neon.	Reports of Supp. Conj.
January	290	71	1177	2	10
February	236	61	858	0	9
March	293	82	1215	3	16
April	291	74	1285	1	13
May	231	57	1169	2	10
June	239	60	1182	10	2
July	240	65	1224	3	16
August	260	77	967	4	10
September	286	96	1641	0	16
October	379	129	1972	3	16
November	289	75	1538	0	13
December	280	90	1629	4	15
Totals	3314	937	15857	32	146

THE MILK SUPPLY.

The milk brought into New Bedford compares favorably with that furnished any city in the State, bacterially. In the early part of the year there was considerable trouble with unprincipled producers guilty of watering, but through the united efforts of the State Department of Health and Milk Inspector Hamilton, the guilty parties were found, and in most instances the local inspector had them looking for other means of gaining a livelihood. The board and Dr. Hamilton have decided that beginning May 1, 1920, no milk peddler will be

granted a license unless his milk utensils are sterilized with live steam. This is a move in the right direction. As will be seen by the following table, 790 samples for bacteria were taken during the year, and of this number 628 were below 50,000 c. c. and 74 above 200,000 c. c. When it is considered that 500,000 c. c. is the prohibitive figure, the showing as stated is certainly one to be proud of. Even those whose milk showed a high bacterial count, after reprimand, produced healthful milk, leading to the belief that the large counts found were due to ignorance rather than carelessness or indifference.

MILK, 1919.

	No. of Samples	From Cans	From Bottles	Duplicates	BACTERIAL COUNT	
					Below 50,000 per CC	Above 200,000 per CC
January	0	0	0	0	0	0
February	6	0	0	0	0	0
March	14	3	11	0	13	1
April	99	26	73	4	92	5
May	120	16	104	18	82	12
June	154	17	137	10	133	12
July	111	6	105	8	62	27
August	98	8	90	4	75	6
September	88	4	84	4	73	6
October	66	13	53	2	63	3
November	40	0	40	2	35	2
December	0	0	0	0	0	0
Totals	790	93	697	52	628	74

Frederic J. Francis, interpreter for the board, has had charge of collections for the bacterial counts. His work calls for very early hours in order to procure samples from peddlers who start out on their delivery shortly after midnight. His work would be greatly facilitated if he had the use of a run-about or small car, as it is difficult to follow up the milk distributors afoot. Another advantage in having the use of an auto is that of following up suspicious violators of the milk regulations, especially in the matter of bottling on the streets. It is difficult to run them down without means of travel, which during the early hours of morning often times means a long walk from one end of the city to the other.

SPANISH INFLUENZA.

The so-called "Spanish Influenza" which invaded the United States with serious results in the fall of 1918, continued its ravages in this city during the early part of the year, taking as its toll 79 lives, a total of 853 for the entire period of the epidemic, which covered seven months. From January 1, 1919, to April 11, 1920, the date of closing the Isolation Hospital, 910 cases were reported. There were practically three waves of the epidemic, the first dropped just before the Armistice was signed, Nov. 11, 1918. Soon after cases increased, continuing until January 15, 1919, when the second peak was reached as to cases and deaths. Again it dropped until February 21, when the third wave hit the city, this wave being a mild one, and continued through March, ending April 11.

SMALLPOX SUSPECTS.

During the months of November and December several hundred immigrants from Portugal were landed at New York, having been exposed to smallpox on the passage across the Atlantic. Three hundred of these came to this city, one-half of them reaching New Bedford after having been in quarantine but seven or eight days, and 143 arriving here three weeks before notification by the Federal authorities. In the case of the *Brittania's* passengers, one of the mill treasurers had suspicion that newly employed help came across on the last named vessel, and such help was sent to the office for examination and held the requisite time before being allowed to mingle with others in the mill. As a result of this disclosure word was sent to every mill treasurer in the city, when 64 immigrants were kept under supervision the required time. The list of arrivals for New Bedford on this steamer did not reach the local office until 24 days after the *Brittania's* arrival in New York.

TUBERCULOSIS.

Over one-half of the department appropriation was expended in the treatment and maintenance of persons suffering with pulmonary tuberculosis. To be exact, the sum of \$74,104.70 was expended during the year, this amount being for the care of 378 patients, who in the matter of treatment were looked after as follows: In New Bedford Sanatorium, 287; in Barnstable County Infirmary, 25; at Lakeville, 8; one each at Rutland and Tewkesbury, and 56 who were treated in their respective homes. This is the largest number of patients ever

treated in a single year by the Health Department, and as the new year opened with 113 cases under the care of the board, the outlook for another strenuous year in this work is assured.

During the year 372 new cases of the pulmonary form of the disease were reported, a falling off from 1918, when 435 cases were reported. In fact, the years 1918 and 1919 have each shown a decrease in the number of new cases reported, and when it is taken into consideration that every effort is being made to locate cases, the records for the last two years offer a measure of satisfaction. Whenever a case is found in a family the members of that household are urged to visit the clinic for examination. In this way the incipient or early cases are found, and these placed under treatment means a big saving in any future outlay of money that might be made. When you consider that it is possible for 70 per cent. of the early or incipient cases to become arrested, it is an economic measure for any community interested in this work as New Bedford is, to insist on other members of families where cases are found to be examined. If as claimed but 12 to 25 per cent. of the more advanced are saved, and the far advanced can never become arrested, it is an asset to every community to insist upon examination of those mingling with persons found with the disease as by so doing the chances of effecting possible cures are enhanced.

As stated above 25 patients were under treatment at the Barnstable County Infirmary. The placing of patients at this institution was made necessary because of the crowded conditions of the New Bedford Sanatorium. Late in August there were eight children of school age in this institution with the school year just ahead of these youngsters. It seemed desirable that something should be done for them in the matter of education, and after talking the matter over with Dr. Wagner, the superintendent, your representative was able to convince the County Commissioners in charge of the hospital, that certain hours should be devoted to school work, and as a result an outdoor school is now maintained at that institution under the direction of Miss Craven, who also acts as secretary for Dr. Wagner.

The record of the two institutions, principally used by the department is as follows:

New Bedford Sanatorium

Patients treated,	287
Cases discharged,	179

Arrested,	32	
Improved,	46	
Quiescent,	9	
Apparently arrested,	12	
Unclassified,	13	
Unimproved,	9	
Died,	58	179

Of the patients 131 were married and 145 single.

The nativity of the patients treated follows:

New Bedford,	100
United States (other than New Bedford)	43
Azores,	31
Canada,	27
Poland,	16
England,	14
Cape de Verde,	9
Austria,	6
Ireland,	5
Russia,	5
Italy,	4
Portugal,	3
Syria,	3
Greece,	3
Albania,	2
France,	2
Sweden,	1
Germany,	1
Nova Scotia,	1

The occupations of these patients are classified as follows:

Mill operatives	86	Clerks	2
Students	73	Salesmen	2
Housework	50	Nurses	2
Laborers	11	Shoemakers	2
Children	8	Maids	2
Machinists	6	Electricians	2
Teamsters	3	Mill inspectors	2
Chauffeurs	3		

One each:

Laundry man	Cranberry picker
Assist. shipper	Peddler
Printer	Storekeeper
Telephone operator	Boilermaker

Baker	Attendant
Piano tuner	Fisherman
Electric switch maker	Sweeper on ship
Waiter	Auto mechanic
Bank clerk	Master mechanic
Toolmaker	Painter
Fireman	Rope maker

Barnstable County Infirmary

Patients treated,		25
-------------------	--	----

State cases,	16	
--------------	----	--

New Bedford settlement,	9	
-------------------------	---	--

Cases discharged,		15
-------------------	--	----

Arrested,	2	
-----------	---	--

Improved,	5	
-----------	---	--

Apparently arrested,	3	
----------------------	---	--

Unimproved,	1	
-------------	---	--

Died,	3	
-------	---	--

Transferred to St. Luke's Hospital,	1	15
-------------------------------------	---	----

Nativity of Patients:

New Bedford,	7
--------------	---

United States,	6
----------------	---

Azores,	4
---------	---

Portugal,	3
-----------	---

Austria,	2
----------	---

Finland,	1
----------	---

England,	1
----------	---

Cape de Verde Islands,	1
------------------------	---

Occupation of Patients:

Students,	10
-----------	----

Mill operatives,	7
------------------	---

Housework,	6
------------	---

Sailor,	1
---------	---

Infant,	1
---------	---

Just one-half of the patients treated at the New Bedford Sanatorium and the Barnstable County Infirmary were of foreign birth, many of them recent arrivals, a number so recent that one is inclined to believe that they must have contracted the disease before leaving their native land. Two such are now under treatment as public charges — one at Lakeville and the other in the New Bedford Sanatorium. It is a mystery

how such cases are admitted to the country. This procedure is unfair to the communities which are striving to wipe out the White Plague. Surely the Bureau of Immigration might purchase a few stethoscopes and insist on the use of the same by officials who are supposed to examine all new comers from foreign countries.

A survey of the families which suffered from the Spanish Influenza during the Fall and Winter of 1918 was made shortly after the epidemic subsided. This was done with a view of offering prompt relief to any who might have developed pulmonary trouble after their severe illness. In all 7,000 families were visited by nurses specially employed for this work. They prevailed upon 589 persons to visit the Tuberculosis Clinic, in charge of Dr. S. H. Remick, superintendent of the New Bedford Sanatorium, and as a result 120 were found tuberculous, while 56 were kept under observation as suspicious. When it is considered that the whole number of new cases of pulmonary tuberculosis reported is 372 and the 120 of this number were apparently due to the Spanish Influenza, the showing is very gratifying. Right here might be mentioned the fact, that out of the 120, only four gave any previous history indicative of pulmonary trouble, and in each case searching inquiry was made for evidence of this disease prior to the attack of influenza. As the subject of priority tuberculosis in influenza patients is a matter of some concern to those who are making a study of influenza and its effects, the above fact may be of interest.

Supervision of all cases of tuberculosis is an essential feature, in combating this disease, whether under treatment in an institution or elsewhere. To do this properly arrested as well as suspicious cases must be seen at regular intervals. In this way the department keeps in close touch with every reported case. Under the supervision of the tuberculosis nurses, November 30, 1919, when the financial year ended, there were 1,092 persons either under their supervision, or reporting regularly at the Tuberculosis Clinic.

TYPHOID FEVER.

New Bedford is to be congratulated on its low typhoid fever record, the lowest without doubt in the history of the city. For three years the record has been very much reduced, but 1919 gave us but 17 cases to supervise, and this record is the second lowest of any city in the Commonwealth. No doubt educational propaganda during the past 10 years has had some-

thing to do with this showing, as well as the care which is taken in furnishing a pure water supply, and the supervision given in guarding the milk supply. Institutional treatment for all such cases is advised when an appeal is made to this department, and in most instances this advice is acted on favorably. The typhoid prophylactic which is distributed by the State Department of Health, has been more freely used during the last two years than at any time since its introduction. The following is the record of cases for 1919 in different cities in the State: Cambridge 14, New Bedford 17, Springfield 24, Lowell 32, Lynn 32, Worcester 44, Fall River 71 and Lawrence 77. It will be seen from the above that Lawrence and Fall River lead the cities in the list in the number of cases of this disease, while New Bedford and Cambridge have the lowest record. There were two deaths from Typhoid Fever in New Bedford and two in Cambridge, while Lawrence had eight.

TENEMENT HOUSES.

The tenement house survey inaugurated by the board early in the Fall is well under way, the north end, where congestion is most pronounced, being finished. This work has been in charge of Inspector Edward Raymond, and he has shown himself well fitted for the task. Proper housing is essential if we are to conserve infant life. The visiting nurse is the means by which education is given the mother in the bringing up of the young, but it is the tenement house inspector who insists that living conditions must be afforded the child. He it is who insists that rooms must be clean, and that there is no overcrowding of boarders to the detriment of the health of the little ones. The greed for revenue either from wages or by taking boarders has been a factor in the past in tenement house life which interfered with a proper bringing up of the young. Since 1916, however, when the board first began its infant welfare work, there has been a marked falling off in the number of reported instances of crowding, and the present survey being made by Inspector Raymond shows that the seed sown in the past three years is bearing fruit. Credit is due the board in thus inaugurating a system of propaganda, which is already showing results. That there is less overcrowding than in former years is entirely due to this, and it now remains, despite the hundreds of new arrivals from foreign lands, to keep the new comers in line with this policy of giving the kiddies a chance for their lives. In this work if it is found that boarders are crowding in to the detriment of children in the family, the boarders are re-

quested to find other homes. To see that these instructions are carried out necessitates numerous reinspections. As a rule, the heads of families have seen the wisdom of these suggestions and in only a few instances were householders inclined to object. These, however, finally made good, after flinging out at the inspector that this was a h——l of a free country.

The north end of the city has been mapped out into 21 blocks or areas, the records giving the number of people residing in each area, together with the number of tenements, and the rent paid by each family. When this work is completed, it is the purpose of the Board to go over the records with Inspector Raymond, for the purpose of drafting a suitable tenement house law to meet the requirements of New Bedford.

The work for the north end is shown by the following record:

Block 1 — North side of Kenyon street, west side of Belleville avenue, south side of Coggeshall street, east side of North Front street; 955 persons; 172 tenements.

Block 2 — North side of Coggeshall street, east side of North Front street, south side of Beetle street, west side of Belleville avenue; 729 persons; 139 tenements.

Block 3 — East side of Belleville avenue, between Coggeshall and Sawyer streets; 821 persons; 122 tenements.

Block 4 — North side of Logan street, south side of Kenyon street, east from Acushnet avenue to waterfront; 2121 persons; 418 tenements.

Block 5 — North side of Kenyon street, east side of Acushnet avenue, south side of Coggeshall street, west side of North Front street; 1001 persons; 179 tenements.

Block 6 — East side of Acushnet avenue, north side of Coggeshall street, west side of North Front street, south side of Beetle street; 388 persons; 96 tenements.

Block 7 — East of Belleville avenue to Riverside avenue, between Coggeshall and Davis streets; 986 persons; 160 tenements.

Block 8 — Holy Acre, east of Acushnet avenue from Pearl to Wamsutta streets; 255 persons; 59 tenements. In this block, the Board of Health has seen fit to have two tenement houses abandoned, contending that they were "unfit for human habitation."

Block 9 — North side of Beetle street, east side of North Front street, south side of Holly street, west side of Belleville avenue; 1027 persons; 138 tenements.

Block 10 — North side of Holly street, east side of North Front street, south side of Nye street, west side of Belleville avenue; 896 persons; 139 tenements.

Block 11 — North side of Nye street, east side of North Front street, south side of Dean street, Belleville avenue; 1017 persons; 189 tenements.

Block 12 — North side of Dean street, east side of North Front street, south side of Phillips avenue, Belleville avenue; 739 persons; 144 tenements.

Block 13 — North side of Phillips avenue, east side of North Front street, south side of Davis street, and Belleville avenue; 1148 persons; 207 tenements.

Block 14 — North side of Davis street, east side of North Front street, south side of Hathaway avenue and Belleville avenue; 525 persons; 108 tenements.

Block 15 — North side of Hathaway avenue, east side of North Front street, south side of Nash road and Belleville avenue; 734 persons; 136 tenements.

Block 16 — North side of Nash road, south side of Belleville road, east side of North Front street, west side of Diman street; 911 persons; 153 tenements.

Block 17 — North side of Nash road, south side of Belleville road, east side of Diman street, and Belleville avenue; 844 persons; 138 tenements.

Block 18 — North side of Belleville road, both sides of Bates avenue, Acushnet avenue to Healy street; 519 persons; 98 tenements.

Block 19 — South side of Cedar Grove street, north side of Weld street, east side of County street and Purchase street; 756 persons; 210 tenements.

Block 20 — North side of Weld street, south side of Cedar Grove street, east side of Reynolds street, west side of County street; 633 persons; 150 tenements.

Block 21 — South side of Weld street, north side of Austin street, west side of Purchase street, and east side of State street; 930 persons; 225 tenements.

DAY NURSERIES.

Chapter 195, Acts of 1919, requires an annual inspection of the day nurseries maintained in the various communities of the State. In compliance with this law the two day nurseries which have been operated here have been inspected and found

to meet the requirements of law. This same law requires that on and after January 1, 1920, any person, firm, association or corporation conducting a day nursery must be licensed by the Board of Health in the city or town where such nursery is maintained, and further, this law defines a day nursery by declaring it to be any establishment, institution or place where three or more children under the age of 14 years are received for a period or periods exceeding four but not exceeding twelve hours, irrespective of compensation or reward.

The Board of Health has also, after careful consideration, promulgated the following regulations for the maintenance of day nurseries, and all parties licensed under the law, must comply with the same.

Rule 1.—Every room in a day nursery to be used for the care of children shall have sufficient window area to furnish adequate light and ventilation. Except in extremely cold weather ventilation must be maintained as far as possible by means of open windows.

Rule 2.—All rooms for the care of children in a day nursery shall be located so that the floor will not be below the surface of the ground surrounding the building or below the level of the street sidewalk.

Rule 3.—All windows of rooms used for the care of children shall be provided with screens and every appliance for the exclusion of flies from the 15th of May to the 15th of November.

Rule 4.—Every day nursery shall be adequately supplied with toilet facilities within the building used as such day nursery.

Rule 5.—Every day nursery shall be provided with a well ventilated room or compartment for the storing of the outer garments of the children.

Rule 6.—Every day nursery shall also be provided with a room for the immediate isolation of children found with or suspected of having a communicable disease.

Rule 7.—The common use of wash cloths, towels, bed linen, combs, tooth brushes, hair brushes and drinking cups is prohibited. Each bed or crib shall be so placed that there will be 12 inches of space on all sides, and not more than one child shall occupy a crib at the same time.

Rule 8.—The outer garments of children shall be removed upon entering the nursery, and placed in the room provided for that purpose.

Rule 9.—All diapers that have become soiled during the day must be placed immediately in water in a covered vessel provided for the purpose; and as soon thereafter as practicable shall be washed.

Rule 10.—Milk and food provided must be clean, wholesome and suitable for the children. Milk bottles and nipples shall be kept thoroughly cleansed and sterilized at all times.

Rule 11.—No licensee shall care for more children at one time than the number named in the license, except with the approval of the Board of Health.

SCARLET FEVER AND DIPHTHERIA.

With the opening of the school year for the last four years, the board has distributed among the pupils of public and parochial schools, instructions to parents, calculated to safeguard the health of their children, and at the same time, prevent, if possible, the introduction of communicable diseases into the schools. Comparing the figures of such cases for the last four years with those of the four years previous, it is shown that this distribution has been with good results.

COMPARATIVE TABLE—SCARLET FEVER AND DIPHTHERIA.

	1912	1913	1914	1915	1916	1917	1918	1919
	D. S.	D. S.	D. S.	D. S.	D. S.	D. S.	D. S.	D. S.
Sept.	9 13	7 13	9 11	10 7	10 4	17 19	7 10	11 20
Oct.	13 10	6 22	12 34	25 5	5 7	14 9	16 2	16 14
Nov.	13 17	13 22	24 34	21 6	12 7	15 18	16 4	13 21
Dec.	17 22	12 45	14 24	27 9	12 9	12 8	20 6	25 25
	<hr/> 52 62	<hr/> 38 102	<hr/> 59 103	<hr/> 83 27	<hr/> 39 27	<hr/> 58 54	<hr/> 59 22	<hr/> 65 80

CHILDREN OF SCHOOL AGE IN SAME PERIOD:

	1912	1913	1914	1915	1916	1917	1918	1919
Sept.	11	12	12	6	11	19	5	16
Oct.	16	17	28	7	5	9	6	17
Nov.	24	18	37	12	10	8	7	19
Dec.	29	28	22	12	6	9	14	18
	<hr/> 80	<hr/> 75	<hr/> 99	<hr/> 37	<hr/> 32	<hr/> 45	<hr/> 32	<hr/> 70

THE DEATH RECORD.

There were 1626 deaths during the year, giving the city a mortality rate of 13.25, the lowest record of any year of which there is record. The leading causes of death were pulmonary

tuberculosis 142, heart disease 113, cancer 106, diarrhoea and enteritis 131, apoplexy 103 and broncho pneumonia 180. Of the 180 who died from the last named cause, 93 died during January, February, March and April, the result of the epidemic of Spanish Influenza which continued from the year previous until the middle of April. The following is the record of deaths and mortality rate since 1889:

Year	No. of Deaths	Death Rate	Population
1890	775	18.9 +	41,000
1891	960	21.81 +	*44,000
1892	973	21.62	45,000
1893	1070	23.77	45,000
1894	1037	21.18	49,000
1895	1055	19.09	*55,251
1896	1192	20.91	57,000
1897	1275	21.98	58,000
1898	1111	18.33	59,000
1899	1161	19.35	60,000
1900	1285	20.57	*62,442
1901	1236	19.08	64,826
1902	1331	19.80	67,210
1903	1590	22.84	69,594
1904	1347	18.71	71,978
1905	1275	17.14	*74,326
1906	1333	16.85	79,078
1907	1546	18.38	84,102
1908	1579	17.79	88,591
1909	1594	17.12	*93,093
1910	1817	18.79	*96,652
1911	1730	16.94	102,098
1912	1655	15.86	104,302
1913	1673	15.52	107,766
1914	1750	16.05	109,000
1915	1719	15.67	*109,652
1916	1810	15.31	118,158
1917	1785	15.1 +	118,158
1918	2905	24.28 +	119,577
1919	1626	13.25	122,695

*Census.

INFANT MORTALITY.

During the year there were 3331 births, and 414 deaths under one year of age. This record is the best showing ever made by the City of New Bedford. It is reasonable to believe that

infant welfare work which was inaugurated four years ago is bearing fruit, and the infant rate, 124.2, compares favorably with other textile cities.

Over one-half of the children who died under one year of age were of Portuguese parentage as shown by the appended table. Children of American parentage came next with a total of 83:

Portuguese	221
American	83
French	50
Polish	22
English	10
Greek	5
Russian	4
Austrian	4
Italian	4
Ireland	3
Albanian	2
Syrian	2
African	1
West Indian	1
Norwegian	1
Sweden	1

The infant death rate since 1889 is shown in the following table:

Year	Births	Deaths, under 1	Rate
1889	1178	217	184.21
1890	1077	215	199.63
1891	1350	282	208.88
1892	1678	279	166.26
1893	1647	350	212.50
1894	1971	338	171.48
1895	1799	330	183.43
1896	2228	466	209.15
1897	2368	420	177.32
1898	2251	375	166.59
1899	2213	343	154.99
1900	2374	424	178.60
1901	2658	361	135.81
1902	2579	425	164.79
1903	2569	442	172.05
1904	2700	423	156.66
1905	2852	400	140.25

1906	.	.	3186	432	135.59
1907	.	.	3448	544	156.61
1908	.	.	3735	509	136.27
1909	.	.	4044	543	134.27
1910	.	.	3964	689	173.81
1911	.	.	4203	589	140.13
1912	.	.	3727	552	148.10
1913	.	.	3795	536	141.23
1914	.	.	3732	534	143.08
1915	.	.	3679	495	134.55
1916	.	.	3651	485	132.84
1917	.	.	3792	495	130.55
1918	.	.	4122	760	184.33
1919	.	.	3331	404	124.28

INFANT MORTALITY IN DETAIL.

YEAR 1919	AGES												
	Total Deaths under 1 year	Under 1 day	1-2 days	2-3 days	3 days-1 week	1-2 weeks	2-3 weeks	3 weeks-1 month	1-2 months	2-3 months	3-6 months	6-9 months	9-12 months
January	44	4	2	5	2	2	0	4	4	4	9	3	5
February	34	7	0	0	4	2	2	2	3	0	6	6	2
March	39	2	0	0	1	2	1	0	6	2	11	6	8
April.....	40	6	1	2	4	1	2	1	1	6	8	5	3
May	34	3	1	3	6	0	0	0	3	4	4	3	7
June	22	2	4	1	3	0	1	1	0	2	3	3	2
July.....	25	2	0	1	3	0	1	2	1	6	5	3	1
August	38	0	3	0	2	1	1	1	3	4	14	5	4
September	26	5	1	0	3	0	2	0	3	1	8	1	2
October	49	10	2	2	2	1	1	2	4	6	5	8	6
November	22	1	0	1	1	1	1	0	1	1	7	6	2
December	41	6	0	1	3	0	1	1	4	2	8	5	10
Totals.....	414	48	14	16	34	10	13	14	33	38	88	54	52
Males	247	33	11	6	22	6	5	10	21	24	51	29	29
Females.....	167	15	3	10	12	4	8	4	12	14	37	25	23

CHILD MORTALITY — 1919.

	1 Year	2 Years	3 Years	4 Years	Males	Females
January	4	6	..	1	9	2
February	17	4	..	1	14	8
March	7	3	2	..	7	5
April	10	3	3	2	12	6
May	3	..	2	2	4	3
June	5	2	1	1	6	3
July	2	3	2	2	8	1
August	7	1	3	1	6	6
September	5	1	..	1	1	6
October	6	7	3	1	9	8
November	5	5	..	2	5	7
December	11	6	4	4	9	16
Total	82	41	20	18	90	71
Whole total, 161.						

DEATHS UNDER ONE YEAR, BY DISEASES, 1919.

CLASSIFICATION NUMBER	CAUSES OF DEATH	under 1 day	1 day-2 days	2 days-3 days	3 da.-1 wk.	1 wk.-2 wks.	2 wks. 3 wks.	3 wks. 1 mo.	1 mo.-2 mos.	2 mos.-3 mos.	3 mos.-6 mos.	6 mos.-9 mos.	9 mos.-12 mos.	Total	M.	F.
1	Typhoid fever .....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	Measles .....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	Whooping cough .....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	Diphtheria .....	.	.	.	.	.	.	.	.	.	.	.	2	1	1	1
18	Erysipelas .....	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1
20	Septicaemia .....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	Tuberculosis pul. ....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	Tubercular meningitis .....	.	.	.	.	.	.	.	.	.	.	1	1	2	.	.
31	Tubercular peritonitis .....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
49	Scurvy .....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
61	Meningitis .....	.	.	.	1	.	.	.	.	1	2	.	1	4	1	.
61a	Meningitis cer. spinal .....	.	.	.	.	.	.	.	.	.	.	1	1	2	.	.
71	Convulsions infan. ....	.	.	1	.	2	.	.	.	1	1	.	1	4	2	.
74	Other diseases of nervous sys. .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
85	Epilepsy .....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
87	Laryngismus Stridulus .....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
89	Bronchitis .....	.	.	.	.	.	1	1	1	3	10	6	3	15	10	.
91	Broncho pneumonia .....	.	.	.	1	2	1	4	7	8	20	19	19	53	28	.
92	Pneumonia .....	.	.	.	.	.	.	.	.	.	.	3	.	1	2	.
93	Pleurisy .....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
94	Pul. congestion .....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
104	Diarrhoea and enteritis .....	.	.	.	.	3	6	5	15	20	42	15	14	62	58	.
109	Intestinal obstruction .....	.	.	.	1	.	.	.	.	.	.	.	.	1	.	.
120	Kidney disease .....	.	.	.	.	.	.	.	.	.	1	1	.	1	1	.
150	Malformation .....	.	.	2	4	.	.	.	1	.	1	.	.	4	4	.
151	Infan. debility icterus	32	8	8	10	3	2	1	4	4	2	1	.	46	29	.
152	Other diseases peculiar to early infancy	12	6	3	12	1	2	.	1	.	1	1	.	24	15	.
167	Burns .....	.	.	.	.	.	.	.	.	.	.	.	1	1	.	.
189	Causes of death not specified ..	3	.	.	1	1	.	.	2	1	4	2	3	9	8	.
	Apoplexy .....	.	.	1	3	.	.	.	.	.	.	.	.	4	.	.
	Heart disease .....	.	.	1	1	.	.	.	.	1	.	.	1	2	2	.
	Accidental suffocation .....	.	.	.	.	.	.	1	1	.	.	.	.	1	1	.
	Influenza .....	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.
	Disease of bone .....	.	.	.	.	.	.	.	.	.	.	.	1	.	1	.
	Other general diseases .....	.	.	.	.	.	.	.	.	.	.	.	1	1	.	.
	Other external violence .....	.	.	.	1	.	.	.	.	.	.	.	.	1	.	.
	Injury at birth .....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Broncho pneumonia with influenza .....	.	.	.	.	.	.	1	.	.	1	.	2	4	.	.
	Other forms Tuberculosis .....	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.
	Corrosive acid poisoning .....	.	.	.	.	.	.	.	.	1	.	.	.	1	.	.
	Rickets .....	.	.	.	.	.	.	.	.	.	2	.	.	.	2	.
	Cerebral Tumor .....	.	.	.	.	.	.	.	.	1	.	.	.	1	.	.
	Lobar pneumonia with influenza ..	.	.	.	.	.	.	.	.	.	.	1	.	.	1	.

Whole number: Males 247, Females 167.

CASES AND DEATHS FOR EACH YEAR SINCE 1914.

YEARS	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Small Pox		Lobar Pneumonia		Poliomylitis		Pulmonary and Miliary Tuberculosis		Meningeal Tuberculosis		Other Forms Tuberculosis	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1915 . . .	150	26	137	7	151	21	1064	4	163	3	23	10	—	78	1	0	423	139	10	15	43	10
1916 . . .	116	9	119	2	64	5	262	2	79	4	0	0	—	110	20	1	367	168	0	18	37	12
1917 . . .	112	12	125	2	66	7	1055	0	65	5	0	0	—	118	0	0	441	140	13	32	33	11
1918 . . .	118	19	56	2	48	10	400	2	138	7	0	0	176	68	11	0	435	203	14	26	37	7
1919 . . .	144	21	161	4	17	2	792	3	83	0	0	0	52	31	0	1	372	142	18	23	36	8

CASES AND DEATHS BY MONTHS.

BOARD OF HEALTH

25

MONTHS	Cases	Deaths	Diphtheria	Scarlet Fever	Typhoid Fever	Measles	Whooping Cough	Smallpox	Lobar Pneumonia	Poliomyelitis	Pulmonary & Miliary Tuberculosis	Meningeal Tuberculosis	Other Forms of Tuberculosis	Cases	Deaths	Total
January . . .	15	2	3	0	4	2	7	0	1	0	11	2	3	3	1	48
February . . .	13	3	8	0	0	4	1	0	6	0	40	1	1	3	1	76
March . . .	8	0	9	0	2	0	4	0	11	0	54	2	2	5	0	99
April . . .	3	0	21	1	1	26	0	0	8	0	25	2	1	1	0	100
May . . .	10	2	21	0	1	64	0	0	3	0	55	2	2	5	1	158
June . . .	10	1	14	1	0	32	1	0	2	0	50	1	2	7	1	131
July . . .	13	2	4	1	0	39	0	0	2	0	28	7	3	1	1	100
August . . .	5	0	0	0	1	7	0	0	0	0	24	4	2	2	0	49
September . . .	12	0	20	0	2	30	5	0	1	0	26	0	5	1	1	101
October . . .	16	4	15	0	1	73	6	0	2	0	26	3	4	2	0	146
November . . .	14	3	21	1	2	185	11	0	4	0	14	7	1	1	2	253
December . . .	25	4	25	0	3	322	5	0	10	0	19	8	0	5	0	414
	144	21	161	4	17	2 792	83	0	52	1	372	18	23	36	8	1 675
						3		0	31	0	142					235

COMPARATIVE TABLE OF LEADING CAUSES OF DEATHS.

	—1914—		—1915—		—1916—		—1917—		—1918—		—1919—	
	Deaths	P. C.	Deaths	P. C.	Deaths	P. C.	Deaths	P. C.	Deaths	P. C.	Deaths	P. C.
Pulmonary T. B.	145	8.2	139	8.0	168	9.3	140	7.8	211	7.2	142	8.1
All Forms T. B.	178	10.1	164	9.5	198	10.9	182	10.2	248	8.5	173	10.6
Heart Disease	148	8.4	163	9.4	198	10.9	149	8.3	175	6.02	118	7.2
Broncho Pneumonia	155	8.8	217	12.6	177	9.7	195	10.9	262	9.1	180	11.0
Pneumonia	82	4.6	78	4.5	110	6.1	118	6.6	112	3.8	35	2.1
Cancer	88	5.0	101	5.8	93	5.2	86	4.8	95	3.2	106	6.5
Diarrhea (under 2).	252	14.4	200	11.6	191	10.5	173	9.6	408	14.0	131	8.0

TOTAL DEATHS BY AGE PERIODS FOR
THE LAST SEVEN YEARS.

	Under one year.	1 year to 5 years.	5 yrs to 10 yrs.	10 yrs. to 20 yrs.	20 yrs to 30 yrs.	30 yrs. to 40 yrs.	40 yrs. to 50 yrs.	50 yrs. to 60 yrs.	60 yrs. to 70 yrs.	70 yrs. to 80 yrs.	80 yrs. to 90 yrs.	90 yrs and over.
1913	516	218	37	52	93	106	116	139	167	143	70	16
1914	534	153	41	52	128	122	139	143	191	157	77	14
1915	495	205	34	65	98	129	143	155	169	155	54	12
1916	485	169	33	54	118	143	145	190	199	158	101	15
1917	495	185	37	55	81	135	143	179	211	155	91	18
1918	760	336	51	127	367	383	227	207	200	147	90	11
1919	414	161	40	57	119	124	121	139	168	165	101	17

Expenditures — Contagious Diseases.

Tuberculosis :

New Bedford Sanatorium,	\$63,855.69	
Other Sanatoria,	3,833.78	
St. Luke's Hospital,	271.00	
Paid other cities,	1,650.66	
Treated at home,	4,493.67	
Ambulance service,	1,475.22	
T. B. clinic, rent,	442.00	
T. B. clinic, maintenance,	555.03	
	-----	\$76,577.05

Other diseases :

Smallpox,	98.30	
Ophthalmia Neonatorum,	1,125.41	
Isolation Hospital,	2,895.70	
Paid other cities,	30.00	
St. Luke's Hospital,	79.50	
Derby Hospital,	37.15	
Treated at home,	288.48	
Venereal Disease Clinic,	905.96	
	-----	\$5,460.50

Total,	\$82,037.55
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Reimbursements — Contagious Diseases.

Subsidy,	\$20,842.78
Commonwealth of Massachusetts, T. B.,	9,994.50
Commonwealth of Massachusetts, Cont. Dis.	2,260.26
Cities and towns, T. B.,	987.93
Cities and towns, Cont. Dis.,	446.25
Other sources, T. B.,	250.21
Other sources, Cont. Dis.,	199.82
Other sources,	483.06

Total,	\$35,464.81

Respectfully submitted,

WM. G. KIRSCHBAUM,
Agent and Executive Officer.

MORTUARY REPORT FOR THE YEAR 1919.

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
I. GENERAL DISEASES.														
1	Typhoid fever .....	.	.	.	.	.	.	.	.	1	1	.	.	2
6	Measles .....	.	.	.	.	.	.	.	.	.	.	.	2	2
7	Scarlet Fever .....	.	.	.	1	.	1	1	.	.	.	1	.	4
9	Diphtheria and croup	2	3	.	.	2	1	2	.	.	4	3	4	21
10	Influenza	3	.	.	.	.	.	.	.	.	.	.	.	3
18	Erysipelas .....	.	.	1	.	.	.	.	1	.	.	.	1	3
20	Purulent infection and septicaemia .....	.	.	1	1	.	.	2	1	1	1	1	.	8
24	Tetanus .....	.	.	.	1	.	.	.	.	.	.	.	.	1
28	Tuberculosis of the lungs	20	13	16	16	11	11	7	6	14	13	7	8	142
30	Tuberculous meningitis	3	1	2	2	2	2	3	3	1	4	1	.	24
31	Abdominal tuberculosis	1	1	.	.	.	1	.	.	.	.	1	.	4
33	White swelling .....	.	.	.	.	.	.	1	.	.	.	.	.	1
34	Tuberculosis of other organs	1	.	.	1	1	.	.	.	.	.	.	.	3
36	Rickets .....	.	.	1	.	.	.	.	.	.	.	1	.	2
37	Syphilis .....	.	.	.	.	.	.	.	.	.	.	1	.	1
39	Cancer and other malignant tumors of the buccal cavity .....	.	1	.	1	1	.	1	.	.	.	2	.	6
40	Cancer and other malignant tumors of the stomach and liver	1	1	5	1	1	1	7	4	3	4	2	2	32
41	Cancer and other malignant tumors of the peritoneum, intestines and rectum	2	1	3	.	.	1	5	1	2	2	2	.	19
42	Cancer and other malignant tumors of the female genitals .....	.	.	.	3	1	1	1	1	.	1	4	1	13
43	Cancer and other malignant tumors of the breast .....	.	1	3	.	.	1	1	1	.	2	1	4	14
44	Cancer and other malignant tumors of the skin .....	.	1	.	.	.	1	.	.	.	.	2	.	4
45	Cancer and other malignant tumors of other organs and organs not specified	1	2	1	1	1	1	1	4	2	3	1	.	18
47	Acute, Articular Rheumatism .....	.	.	.	.	.	1	.	.	.	.	.	.	1
50	Diabetes	1	3	4	1	1	.	2	2	.	2	4	.	20
54	Anaemia, chlorosis	1	.	1	3	1	.	3	1	1	1	.	.	12
55	Other general diseases .....	.	.	.	.	1	1	.	.	.	.	.	.	2
56	Alcoholism, acute or chronic	1	1	.	.	.	.	.	.	.	.	1	.	3
II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.														
60	Encephalitis .....	.	.	1	1	1	1	2	.	.	1	.	.	8
61	Simple meningitis	1	1	2	5	.	.	3	2	1	3	1	.	19
61a	Meningitis, including Cerebro- spinal Fever	2	.	.	.	.	.	.	.	.	1	.	.	5
62	Locomotor ataxia .....	.	.	.	.	.	.	1	.	.	.	1	.	2

MORTUARY REPORT, 1919. (Continued).

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
II. (Continued).														
63	Other diseases of the spinal cord	.	.	.	.	1	.	.	.	.	.	1	.	2
64	Cerebral hemorrhage, apoplexy...	13	11	7	7	10	4	10	4	4	12	11	10	103
65	Softening of the Brain	.	.	.	.	.	.	1	.	.	.	.	.	1
67	General paralysis of the insane...	1	.	.	.	.	.	.	.	.	.	.	.	1
68	Other forms of mental alienation..	1	.	.	.	.	.	1	.	.	.	1	.	3
69	Epilepsy	.	.	.	.	.	1	.	.	.	.	.	.	1
71	Convulsions of infants, .....	.	1	.	.	2	.	1	.	.	.	1	.	5
74	Other diseases of the nervous system	2	.	1	.	.	.	.	2	.	.	.	1	6
III. DISEASES OF THE CIRCULATORY SYSTEM.														
77	Pericarditis.....	.	.	.	1	.	.	.	.	1	.	.	.	2
78	Acute endocarditis.....	1	.	2	1	.	3	.	1	.	3	.	3	11
79	Organic diseases of the heart.....	15	12	18	14	9	9	6	8	5	8	6	8	118
80	Angina pectoris	2	2	.	1	.	.	1	2	2	.	1	.	11
81	Affections of the arteries (atheroma aneurism, etc.).....	5	9	8	7	6	8	5	3	7	5	8	9	80
82	Embolism and thrombosis.....	.	.	2	3	.	1	.	1	2	1	3	.	13
85	Hemorrhage; other diseases of the circulatory system .....	.	.	1	.	.	.	1	.	.	.	1	.	3
IV. DISEASES OF THE RESPIRATORY SYSTEM.														
87	Diseases of the larynx.....	.	.	1	.	.	.	.	.	.	.	.	.	1
88	Diseases of the thyreoid body ....	.	.	1	.	.	.	.	.	.	.	.	.	1
89	Acute bronchitis.....	3	4	5	7	6	1	1	2	.	3	1	8	41
90	Chronic bronchitis.....	1	.	1	.	1	2	.	.	.	.	.	.	5
91	Broncho-pneumonia.....	18	30	27	18	14	8	1	6	9	10	10	29	180
	“ with influenza..	39	25	10	2	2	3	1	.	.	.	.	.	82
92	Pneumonia	5	1	6	4	1	2	1	.	2	2	4	7	35
	“ with influenza	1	.	3	1	.	.	.	.	.	.	.	.	5
93	Pleurisy.....	1	.	.	1	2	.	.	.	.	.	.	.	4
94	Pulmonary congestion, pulmonary apoplexy .....	.	1	.	.	1	.	.	.	.	1	.	.	5
96	Asthma .....	.	.	.	.	.	.	.	1	.	.	.	.	1
97	Pulmonary Emphysema.....	.	.	.	.	.	.	.	.	.	.	1	.	1
V. DISEASES OF THE DIGESTIVE SYSTEM.														
103	Other diseases of the stomach (cancer excepted) .....	.	.	.	.	.	.	2	.	1	3	.	.	6

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
V.	(Continued).													
104	Diarrhoea and enteritis (under two years)	11	3	3	8	3	6	16	25	14	26	7	9	131
105	Diarrhoea and enteritis (two years and over) .....	.	.	1	.	.	2	.	.	.	.	.	.	3
108	Appendicitis and typhlitis .....	.	.	1	.	1	1	1	.	.	2	.	.	6
109	Hernias, intestinal obstructions	3	2	.	.	2	2	1	.	1	.	.	.	11
110	Diseases of the intestines .....	.	.	.	.	.	.	.	.	1	2	1	.	4
113	Cirrhosis of the liver .....	.	.	.	.	1	2	.	.	.	.	.	.	3
115	Other diseases of the liver	1	.	.	.	.	.	.	.	.	.	.	.	1
117	Simple peritonitis (non-puerperal)	1	.	3	1	.	1	.	.	2	1	.	1	10
VI.	NON-VENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.													
119	Acute nephritis .....	.	1	2	1	.	2	.	2	1	.	2	2	13
120	Bright's disease	1	4	.	1	.	5	.	6	2	3	1	2	25
122	Other diseases of the kidneys and annexa	3	1	1	.	5	2	1	3	4	1	.	4	25
123	Calculi of the urinary passages .....	.	.	.	.	.	.	.	.	1	.	.	.	1
125	Diseases of Urethra, urinary abscess, etc. ....	.	.	1	.	.	.	.	.	.	.	.	.	1
VII.	THE PUERPERAL STATE.													
134	Accidents of pregnancy .....	.	.	.	.	.	1	.	.	.	.	.	.	1
135	Puerperal hemorrhage	2	.	.	.	.	.	.	1	.	.	.	.	3
136	Other Accidents of Labor .....	.	.	.	.	.	.	.	.	.	.	1	.	1
137	Puerperal septicaemia	1	3	1	.	1	.	.	.	1	.	.	.	7
138	Puerperal albuminuria and convulsions .....	.	.	.	.	.	.	1	.	1	.	.	1	3
VIII.	DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.													
142	Gangrene .....	.	.	.	1	.	.	.	.	.	.	.	.	1
144	Acute abscess .....	.	.	1	.	.	.	.	.	.	.	.	.	1
IX.	DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.													
146	Diseases of the Bones (Tuberculosis excepted) .....	.	.	1	.	1	.	.	.	.	1	.	.	3
149	Other diseases of the organs of locomotion .....	.	.	.	.	.	.	.	.	.	.	1	.	1

MORTUARY REPORT, 1919. (Continued).

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
X.	MALFORMATIONS.													
150	Congenital malformations (still-births not included)	1	.	1	1	2	1	1	1	.	1	.	.	9
XI.	DISEASES OF EARLY INFANCY.													
151	Congenital icterus, debility and sclerema.....	9	5	6	14	5	4	5	1	5	14	2	3	73
152	Other diseases peculiar to early infancy.....	2	5	.	.	6	5	1	6	1	5	1	8	40
XII.	OLD AGE.													
154	Senility .....	.	2	.	.	.	.	.	1	1	.	.	.	4
XIII.	AFFECTIONS PRODUCED BY EXTERNAL CAUSES.													
155	Suicide by poison.....	.	.	.	.	.	.	.	.	.	1	.	.	1
156	Suicide by asphyxia.....	.	1	.	.	1	.	1	.	1	1	1	2	9
158	Suicide by Drowning .....	.	.	.	.	.	1	.	.	.	.	.	.	1
160	Suicide by cutting or piercing instruments .....	.	.	.	.	.	.	.	.	1	.	.	.	1
167	Burns (conflagration excepted)....	2	1	3	2	1	.	.	.	.	1	1	1	12
168	Absorption of deleterious gases (conflagration excepted)	1	3	.	.	1	.	.	.	1	3	3	.	12
169	Accidental drowning.....	1	.	.	.	.	.	1	.	.	.	.	.	2
175	Traumatism by other crushing (vehicles, railroads, landslides, etc.) ..	.	1	.	.	.	.	.	2	.	.	.	.	3
183	Homicide by cutting or piercing instruments .....	.	.	.	1	.	.	.	.	.	.	.	.	1
184	Homicide by other means .....	.	.	1	.	.	.	.	.	.	.	.	.	1
186	Other external violence.....	.	.	2	3	5	1	2	9	2	4	2	1	31
XIV.	ILL-DEFINED DISEASES.													
187	Ill-defined organic diseases.....	.	.	.	.	.	1	.	.	2	.	.	.	3
188	Sudden death.....	1	.	.	1	.	.	3	.	.	.	.	.	5
189	Cause of death not specified or ill-defined.....	4	5	7	3	4	2	.	1	3	.	2	6	37
		192	164	165	142	123	99	107	118	103	153	105	155	1626

Respectfully submitted,

SUSAN J. SMALL, Clerk.

DEATHS BY AGES, 1919.

	Jan.		Feb.		Mar.		Apr.		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 day.	4	.	5	2	2	.	6	.	3	.	2	.	2	.	3	2	5	5	1	.	2	4	33	15		
1-2 days . .	1	1	.	.	.	.	1	.	1	4	.	.	.	3	.	1	2	.	.	.	.	11	3			
2-3 days . .	2	3	.	.	.	.	2	1	2	1	.	1	.	1	.	.	2	1	.	1	.	6	10			
3 days-1 wk.	1	1	2	2	1	.	1	3	5	1	2	3	.	1	1	3	.	2	.	1	1	22	12			
1-2 wks. . .	1	1	1	1	1	1	1	.	.	.	.	.	.	1	.	1	.	1	.	1	.	6	4			
2-3 wks. . .	.	.	.	2	1	.	1	1	.	.	.	1	.	1	1	.	1	1	.	1	.	5	8			
3 wks.-1 mo.	3	1	2	.	.	.	.	1	.	.	1	2	1	1	.	.	2	.	.	.	.	1	10	5		
1-2 mos. . .	4	.	3	.	3	3	.	1	2	1	.	.	1	1	2	1	2	3	1	1	.	3	1	21	12	
2-3 mos. . .	4	.	.	.	2	.	6	.	3	1	2	.	2	4	1	3	1	1	5	1	1	1	1	24	14	
3-6 mos. . .	4	5	3	3	6	5	4	4	4	.	2	1	3	2	6	8	5	3	3	2	6	1	5	3	51	37
6-9 mos. . .	3	.	2	4	4	2	2	3	.	3	1	2	2	1	3	2	1	.	3	5	5	1	3	2	29	25
9-12 mos. . .	2	3	2	.	7	1	2	1	3	4	1	1	.	1	3	1	1	2	4	1	1	5	5	29	23	
1-2 yrs. . .	3	1	11	6	3	4	6	4	2	1	3	2	2	.	4	3	1	4	3	3	3	2	2	9	43	39
2-3 yrs. . .	5	1	3	1	2	1	2	1	.	2	.	3	.	.	1	.	1	3	4	2	3	4	2	26	15	
3-4 yrs. . .	.	.	.	.	2	.	3	.	1	1	.	1	1	1	2	1	.	2	1	.	.	1	3	12	8	
4-5 yrs. . .	1	.	.	1	.	.	1	1	1	1	1	.	2	.	1	.	1	1	.	.	2	2	2	9	9	
5-10 yrs. . .	3	3	2	2	3	1	1	1	4	2	1	3	.	2	2	.	.	7	.	.	1	1	1	24	16	
10-15 yrs. . .	.	3	2	2	.	.	2	.	1	.	.	.	2	.	.	.	1	.	1	.	1	2	.	7	10	
15-20 yrs. . .	3	2	1	2	3	.	2	3	2	1	1	1	3	.	4	1	1	2	5	.	1	.	1	26	13	
20-25 yrs. . .	3	2	.	2	2	3	2	2	.	3	.	2	1	2	1	2	2	3	.	3	1	1	1	1	13	26
25-30 yrs. . .	10	13	1	4	9	4	5	5	2	1	3	2	2	2	1	2	2	2	5	1	1	1	1	38	42	
30-35 yrs. . .	8	4	6	6	6	2	4	1	4	1	2	2	3	2	1	2	3	.	3	2	1	3	.	42	24	
35-40 yrs. . .	7	4	3	3	2	6	1	1	2	1	2	3	1	3	2	2	2	2	3	1	.	4	3	.	28	30
40-45 yrs. . .	5	4	3	2	1	1	3	.	4	3	.	.	1	1	3	3	5	2	2	2	3	3	3	2	33	23
45-50 yrs. . .	5	3	7	.	4	7	3	2	3	1	2	1	2	3	1	1	2	2	.	3	1	.	4	8	34	31
50-55 yrs. . .	4	1	3	4	6	3	2	1	1	3	4	4	2	5	3	4	4	1	4	1	2	3	1	36	35	
55-60 yrs. . .	1	4	1	4	5	3	5	4	2	1	1	1	3	4	1	2	3	2	4	1	3	4	5	4	34	34
60-65 yrs. . .	4	3	6	5	4	3	4	1	2	4	2	6	1	2	4	3	1	.	5	6	5	3	4	9	42	45
65-70 yrs. . .	3	4	4	2	4	3	5	6	4	3	2	3	5	4	1	3	2	.	4	4	5	3	3	4	42	39
70-75 yrs. . .	5	7	5	8	4	8	3	2	1	5	5	2	2	1	4	2	3	3	2	2	2	5	4	2	40	49
75-80 yrs. . .	1	8	1	6	2	4	1	5	4	4	2	4	.	4	1	4	3	3	2	5	4	3	3	4	24	52
80-85 yrs. . .	3	4	2	4	1	5	1	4	3	5	3	2	1	3	.	5	1	5	4	3	2	1	3	4	24	45
85-90 yrs. . .	.	.	.	1	1	3	1	1	1	2	1	1	1	2	.	1	3	1	2	.	6	2	2	.	9	23
90-95 yrs. . .	1	1	2	.	.	1	.	.	1	1	.	.	2	.	1	.	1	.	.	.	1	.	.	.	9	3
95-100 yrs. .	.	1	.	2	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1	3
100 yrs.+ . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1
Whole No. . .	192	164	165	142	123	99	107	118	103	153	105	155	1626													
ma.—fem..	104	88	83	81	91	74	81	61	66	57	51	48	50	57	59	59	52	51	75	78	56	49	75	80	843	783
Stillborn . .	6	6	6	3	5	10	7	3	8	2	3	7	7	7	7	2	3	8	9	4	3	7	6	4	70	63
White . . .	98	80	75	77	85	69	76	58	63	53	44	44	47	54	49	57	50	49	72	74	53	47	70	78	781	740
Colored . .	6	8	8	4	6	5	5	3	2	4	7	4	3	3	10	2	2	2	3	4	3	2	5	2	60	43
Indian . . .	.	.	.	.	.	.	.	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.

Population 122,695. Death rate per 1000, 13.25.

Respectfully submitted,

SUSAN J. SMALL, Clerk.

MEDICAL INSPECTOR'S REPORT.

New Bedford, January 1, 1920.

To the Board of Health:

GENTLEMEN:—My report as Medical Inspector and attending physician to contagious cases for the year 1919 is herewith submitted:

Took 230 cultures.

Released 194 cases of Scarlet Fever.

Diagnosed 145 cases of Tuberculosis.

60 of Influenza.

15 of Measles.

10 of Varicella.

3 of Meningitis.

2 of Encephalitis Lethargic.

1 of Anterior Poliomyelitis.

Investigated 17 cases of Typhoid, 130 exposed to Smallpox, 7 to Hydrophobia. Also examined 39 children sent out from school for various reasons.

I treated for the board 8 cases of Tuberculosis, 14 of Diphtheria, 9 of Scarlet Fever and administered anti-rabic treatment to four persons bitten by rabid dog. I made in all for above cases treated 214 calls.

Signed 29 death certificates, there being no attending physician at time of death.

Respectfully submitted,

A. N. SENESAC,
Medical Inspector.

REPORT OF INSPECTOR OF MILK AND PROVISIONS.

New Bedford, January 1, 1920.

To the Board of Health:

GENTLEMEN :—I herewith submit my report as inspector of milk and provisions for the year 1919: During the year I have issued 417 store licenses and 93 team licenses for the sale of milk and 66 store licenses and four team licenses for the sale of oleomargarine, making a total of 570, for which the usual fee of 50 cents each was collected and paid to the City Treasurer as per his receipts for same on file. The steady decrease in the number of milk dealers which began three or four years ago still continues, for of the above 93 licensed about 75 are now doing business. Several new milk plants have been built and put in operation during the year, some of them by old dealers and a few by new men in the business. No new licenses have been granted for the sale of milk for two years unless the applicant had a plant equipped with a steam boiler and none will be granted after May 1, 1920, to any old dealers unless they are so equipped so that after the above date every dealer who is handling milk for sale in this city will have a steam plant for sterilizing his bottles, cans, etc., a condition for which we have been working for some time, and one far in advance of the old fashioned oil stove and wash boiler which were so common some years ago. On account of the high price of milk the temptation to add water to it has been so strong that a number of producers were not able to resist it and in consequence were brought into court and convicted and fined, but in view of the fact that they had already sold water enough to cover the amount of fine, or if they had not and were allowed to remain in business they could soon even up, it seemed advisable to supplement the fine with a refusal to allow their product to be sold in this city any longer, so they were compelled to go out of the milk business, and in this way the practice of watering milk is becoming much less prevalent than formerly. The dealers' plants and producers' premises have been inspected during the year as occasion required. The sausage factories have been inspected and a report made to the board of aldermen prior to the granting them a license. The ice cream plants and hotel kitchens have been inspected from time to time during the year, and we are looking forward to the building of the new hotel,

when we hope to have a thoroughly sanitary and up to date hotel kitchen, which is impossible in any of the out of date hotels now doing business in this city.

Respectfully submitted,

H. B. HAMILTON,
Inspector of Milk and Provisions.

REPORT OF INSPECTOR OF SLAUGHTERING.

New Bedford, January 1, 1920.

To the Board of Health:

GENTLEMEN:—My report as inspector of slaughtering for the year 1919 is hereby submitted:

Number of beef cattle slaughtered,	116
Number of swine slaughtered,	424
Number of calves slaughtered,	194
Number of sheep slaughtered,	2

Of the beef cattle 16 were condemned, of the swine one was condemned, of the calves one was condemned, as unfit for food. Of the sheep none were condemned.

Respectfully submitted,

H. B. HAMILTON,
Inspector of Slaughtering.

REPORT OF PUBLIC HEALTH NURSES.

New Bedford, January 5, 1920.

To the Board of Health:

GENTLEMEN:—Following is the report of the Public Health Nurses of the Board of Health for the year 1919:

From January, 1919, to June, five nurses were employed by the board, two tuberculosis visiting and three child welfare nurses. Miss Ruth M. Fortin, R. N., doing tuberculosis visiting, resigned August 22, 1919, and Miss A. C. Dexter, R. N., was appointed by the board, to take her place.

Miss M. C. Donnelly, R. N., and Mrs. M. C. Putnam, R. N., were appointed, in August, as child welfare nurses, increasing the number to five nurses doing child welfare visiting. July, 1919, the board voted to establish three Well Baby Stations, one at each end of the city and center, with a physician in attendance at each clinic. This was to care for and advise all mothers with children from infants to five years old.

The summary of work, for the year ending December 31, 1919, is as follows:

Tuberculosis visits,	7,496
Child welfare visits,	15,847
Number cases midwives,	791
Child welfare clinics held,	62
Number attending clinics,	576
Number new cases,	375
Number receiving advice as to feeding,	211
Number referred to medical clinics,	39
Died,	2
Number pre-natal letters sent,	117

Respectfully submitted,

MARGARET J. DIAZ, R. N.,
Supervisor of Nurses.

REPORT OF PAROCHIAL SCHOOL NURSE.

New Bedford, January 12, 1920.

To the Board of Health:

GENTLEMEN:—Following is the report of the parochial school nurse for the past year:

Number of visits to schools,	375
Number of visits to homes,	428
Number of investigations (home visits but not illness),	439
Number of cases of defective vision,	149
Number of cases of enlarged tonsils and adenoids,	142
Number of cases of defective teeth,	193
Number of cases of Otitis Media,	27
Number of cases tubercular tendencies,	35
Number of cases of Impetigo,	86
Number of cases of Scabies,	38
Number of cases of Petit Mal,	2
Number of cases, (minor), not included in above,	119
Number of cases of defective vision where glasses were obtained,	64
Number of cases of adenoids and tonsils removed,	88
Number of cases of defective teeth treated either by own dentist or free dental clinic,	188

From July 1, 1919, to August 19, 1919:

Number of home visits for Tuberculosis,	74
Number of infant welfare visits,	297
Attendance at V. D. Clinic on clinic nights since April, 1919,	

I wish to thank the parents, teachers, Children's Aid Society, City Mission, Dental Clinics and all others for their co-operation.

Respectfully submitted,

MRS. MARY L. SHER.

REPORT OF TUBERCULOSIS CLINIC.

New Bedford, January 1, 1920.

To the Board of Health:

GENTLEMEN:—I herewith submit my annual report of the work performed by me at the Board of Health Tuberculosis Clinic:

Patients examined,	3,168
Re-examinations,	2,220
New cases of Pulmonary T. B.,	241
Suspicious cases,	149
Not T. B.,	422
T. B. Glands,	15
T. B. Bones,	2
Sanatorium treatment advised,	218
Home treatment advised,	23
Arrested cases,	88
Unclassified,	12
Referred to Fresh Air Schools,	12
Referred to Children's Aid Society for tonsils and adenoids,	19
Referred to Orthopedic Clinic,	1

Respectfully submitted,

S. H. REMICK, M. D.,
Chief of T. B. Clinic.

REPORT OF VENEREAL DISEASE CLINIC.

New Bedford, Mass., January 1, 1920.

To the Board of Health:

GENTLEMEN:—I hereby submit a report of the work done at the Venereal Disease Clinic. Since February 3, 1919, there have been 119 sessions held, as follows:

Mondays (for men),	46	
Tuesdays (for women),	44	
Thursdays (by appointment),	29	
New admissions:	Male.	Female.
Syphilis,	162	51
Gonococcus infection,	92	16
Other venereal infections,	2	4
	<hr/>	<hr/>
Total admissions during year,	256	71
Number of patients discharged:		
Unclassified,		6
Probably cured,		38
To own M. D. or hospital,		13
Number of patients discontinuing treatment:		
With permission,		35
Without permission,		23
Number of cases of disease treated,	1,991	
Number of patients treated,	1,982	
Number of treatments,	1,727	
Number of arsphenamine treatments,	348	
Number Wassermann tests,	251	
Number microscopic examinations for the gonococcus,		34
Reactions, three mild.		

The following physicians and nurses have assisted in the work: Drs. F. N. Mathewson, W. W. Nelson, H. Groschinsky, G. deN. Hough, Mrs. Mary Sher and Mrs. Harriett Murphy.

Respectfully submitted,

A. H. MANDELL, M. D.,
Chief.

REPORT OF OCULISTS.

New Bedford, Mass., January 1, 1920.

To the Board of Health:

GENTLEMEN :—I herewith submit the following report of work performed by me as oculist to the board for the year 1919. On account of Military Service I did not begin my duties until October 20, 1919. Since that time I have made one hundred and eighty-two (182) visits to infants suffering from diseases of the eye. All cases have resulted in no impairment of vision.

Respectfully submitted,

CHARLES M. ATCHISON,
Oculist.

New Bedford, Mass., April 21, 1920.

To the Board of Health:

GENTLEMEN :—I herewith submit the following report as oculist to the board from January 1, 1919, to December 31, 1919:

Ophthalmia Neonatorum,	32
Suppurative Conjunctivitis,	158
Other diseases of the eyes,	1,257

Respectfully submitted,

ALPHONSE NORMANDIN, M. D.

REPORT OF BACTERIOLOGIST.

New Bedford, January 1, 1920.

To the Board of Health:

GENTLEMEN:—I herewith submit my report for the year ending December 31, 1919:

Diphtheria:

Whole number of cultures examined,	508
Whole number of cultures positive,	49
Whole number of cultures negative,	453
Whole number of cultures unsatisfactory,	6
Whole number of cultures first positive,	40
Whole number of cultures first negative,	

Of the above number cultures examined 126 were from St. Luke's Hospital.

Tuberculosis Pul.:

Whole number of specimens examined,	151
Whole number of specimens positive,	45
Whole number of specimens negative,	110
Whole number of specimens unsatisfactory,	6

Tuberculosis Pul., N. B. Sanatorium:

Whole number of specimens examined,	144
Whole number of specimens positive,	93
Whole number of specimens negative,	45
Whole number of specimens unsatisfactory,	6

Typhoid Fever:

Whole number Widal reaction,	7
Whole number positive,	0
Whole number negative,	6
Whole number unsatisfactory,	1

Respectfully submitted,

A. H. MANDELL, M. D.,
Bacteriologist.

NEW BEDFORD EXTRACTOR COMPANY'S REPORT.

New Bedford, January 1, 1920.

To the Board of Health:

GENTLEMEN:—We submit herewith our report for the year ending December 31, 1919:

Total garbage treated,	9,707.80 tons
Horses (134), cows (4), calf (1),	61.3 tons
Total disposed of,	<hr/> 9,769.1 tons

All small animals delivered are included in the garbage tonnage.

Respectfully submitted,

NEW BEDFORD EXTRACTOR CO.,

By C. M. Schindler, Asst. Treas.

CONTENTS

	PAGES
Agent's Report	7-29
Births	7
Board's Report	3-6
Child Mortality	22
Communicable Diseases:	
Cases and deaths by months	25
Cases and deaths since 1914	24
Comparative table of leading causes of deaths	26
Day Nurseries	16, 17, 18
Deaths by Ages	34
Deaths by Age Period	27
Death Rate	3
Death Record since 1889	18, 19
Employees in Department	2
Expenditures and Reimbursements	29
Infant Death Rate	3
Infant Mortality	20, 21, 23
Infant Welfare	4, 20, 21
Milk Supervision	7, 8
Mortuary Report	30-33
Plumbing	6
Report of Bacteriologist	43
Report of Inspector of Milk and Provisions	36, 37
Report of Inspector of Slaughtering	37
Report of Medical Inspector	35
Report of N. B. Extractor Co.	44
Report of Oculists	42
Report of Parochial School Nurse	39
Report of Public Health Nurses	38
Report of Tuberculosis Clinic	40
Report of Venereal Disease Clinic	41
Scarlet Fever and Diphtheria	18
Small Pox suspects	9
Spanish Influenza	9
Tenement House Inspection	4, 5, 14, 15, 16
Tuberculosis	9-13
Typhoid Fever	13, 14
Undertakers	6
Vaccinations	6
Venereal Diseases	4

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,
April 22, 1920.

Received, ordered printed in City Documents and sent down
for concurrence.

W. H. B. REMINGTON, City Clerk.

IN COMMON COUNCIL,
April 22, 1920.

Concurred.

HAROLD WINSLOW, Clerk.

Annual Report

OF THE

Inspector of Animals

TO THE CITY COUNCIL

For the Year 1919.



NEW BEDFORD
THE A. E. COFFIN PRESS — COFFIN BUILDING .
1920

ANNUAL REPORT

New Bedford, Mass., January 1, 1920.

*To His Honor the Mayor
and Board of Aldermen:*

GENTLEMEN:

My report as Inspector of Animals for the City of New Bedford for the year 1919 is herewith submitted.

An examination of all neat cattle, sheep, swine and goats as per order of the Commissioner of Animal Industry was made in January and February and a detailed report as to their health and stabling conditions was rendered to him on completion of the work. There were at that time 548 cows, 137 other cattle, 317 pigs, 4 sheep and several goats, all of which with a few exceptions were in good health and comfortably housed.

There has not been a case of glanders reported during the year and only two cases of tuberculosis have been quarantined and regularly disposed of. A smaller number of horses than is usual has been brought here from New York and other states, showing that the horse is gradually being displaced by the automobile. From the latter part of April till September 1st rabies was prevalent and twenty positive

cases were disposed of and some thirty suspicious cases investigated which did not prove to have the disease. On July 1st a Portuguese poodle escaped from the south end and went north and within two hours bit four children and one horse. The horse developed rabies and was destroyed some four weeks later. None of the other cases did any damage, so far as could be learned. On July 2nd an order was issued by the Mayor and Board of Aldermen to muzzle or restrain all dogs in the city until further notice. On October 9th the above order was rescinded as no case of rabies had been reported since September 1st. As the days and weeks went by, and no other cases developed we felt that the disease had ceased to exist in the locality when, December 30th, another case was found, the dog developing suspicious symptoms, and without any provocation bit its mistress quite badly. He was immediately shot and the head sent to the Department of Animal Industry for diagnosis, and was found positive. The lady is now taking the Pasteur treatment, and two other dogs owned by the same party are quarantined for observation.

Respectfully submitted,

H. B. HAMILTON,
Inspector of Animals.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

February 12, 1920.

Received, ordered printed in City Documents for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

February 12, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

Annual Report

OF THE

Inspector of Wires

TO THE CITY COUNCIL

For the Year 1919.



NEW BEDFORD
THE A. E. COFFIN PRESS — PRINTERS
1920

ANNUAL REPORT.

New Bedford, January 20, 1920.

*To His Honor the Mayor and the City Council of the
City of New Bedford.*

Sirs : — I respectfully submit my annual report of this department, from November 30, 1918 to December 1, 1919.

INSPECTION OF INSIDE WIRING

During the year have made 7455 inspections.

Have issued to the New Bedford Gas & Edison Light Co., 2789 permits to connect electric services.

Sent out to contractors and property owners 2993 reports on defective wiring.

Have issued 672 certificates on rough work.

Have superintended electrical work in the Emery street school, also passed on plans and specifications of changes in the old High School and the Municipal Hospital.

REMOVAL OF OVERHEAD WIRES AND CONSTRUCTION.

On January 6, 1919, after a meeting of the Inspector of Wires, City Engineer, and Superintendent of Streets, the following letter was sent to the Mayor and Board of Aldermen:—

To His Honor the Mayor and Board of Aldermen:—
Gentlemen:—

In compliance with Section 3 of Chapter 335, Acts of 1914, as follows:—

The Inspector of Wires, City Engineer, and Superintendent of Streets, shall annually in the month of January, present to the Mayor and Board of Aldermen, a list of public ways and places specified in Section two, or parts thereof, from which, in their judgment, the overhead wires and construction shall be removed in accordance with the provisions of this act.

We herewith present to you the following list:

Morgan St., . . . County to Cottage	716 ft.
Pleasant St., . . . High to Maxfield	1186 ft.
Foster St., Middle to Maxfield	1387 ft.
Hill St., Kempton to Hillman . . .	680 ft.
State St., Hillman to Maxfield . . .	300 ft.
Walden St., . . . Hillman to Maxfield . . .	300 ft.
Thomas St., . . . Hillman to Maxfield . . .	300 ft.
Total	4869 ft.

On February 13, 1919, after a hearing, the following order was sent to the several wire using companies as follows:

City of New Bedford,
In Board of Aldermen,
Jan. 27, 1919.

Whereas, under the provisions of Chapter 335, of the Acts of 1914, due notice has been given and a hearing has been held by this board, it is hereby

Ordered that all telegraph, telephone, electric light, electric motor or power, and all other wires, cables and conductors, in and above the hereinafter designated streets and all poles and structures in said streets used for the support of same, excepting such structures, poles, cables, wires and conductors as are excepted by said Chapter 335, Acts of 1914, shall be removed, within the time named in said Chapter, or that said wires, cables or conductors shall be placed maintained and operated in underground conduits.

Locations for said underground conduits shall be petitioned for in accordance with the provisions of Chapter 335, Acts of 1914, and all acts in addition thereto or amendment thereof.

The streets or parts of street designated and affected by this order are as follows, to wit:—

Morgan St.,....	County and Cottage ...	716 ft.
Pleasant St.,...	High to Maxfield	1186 ft.
Foster St.,.....	Middle to Maxfield ...	1387 ft.
Hill St.,	Kempton to Hillman ...	680 ft.
State St.,.....	Hillman to Maxfield ...	300 ft.
Walden St.,....	Hillman to Maxfield ...	300 ft.
Thomas St.,....	Hillman to Maxfield ...	300 ft.
Total.....		4869 ft.

And the City Clerk is hereby directed to serve notice of the adoption of this order upon the owners of the wires, cables or conductors, in and above said streets, and all poles and structures in said streets for the support of the same, by mailing to each of the said owners, by U. S. Registered Mail, an attested copy of this order, and the City Clerk is hereby further directed to cause this order to be recorded on the Book of Location Order Records, as provided in Chapter

509, Acts of 1911, and to furnish copy of this order to the Inspector of Wires, the City Engineer and the Superintendent of Streets of the City of New Bedford.

IN BOARD OF ALDERMEN, Adopted and ordered recorded in Book of Location Order Records, Jan. 22, 1919. Presented to and approved by the Mayor, Jan. 25, 1919.

A true copy attest:

W. H. B. REMINGTON, City Clerk.

OUTSIDE WORK.

During the year I investigated and reported to the Mayor and Board of Aldermen on 191 petitions of wire using companies involving 448 poles.

POLICE SIGNAL SYSTEM.

During the year four new patrol boxes have been added to the system and five boxes relocated. This work has made necessary the installation of 10050 feet of new overhead line construction. New underground cable has been installed for a distance of 1401 feet, and overhead construction has been permanently removed for a distance of 1725 feet. One new flashlight for signaling patrolmen has been installed and preliminary work has been undertaken for the installation of additional flashlights. There are 64 patrol boxes on the system over which an average of 1128 duty calls are transmitted daily besides telephone and emergency calls.

Very truly yours,

WM. P. BRIGGS,
Inspector of Wires.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

Jan. 21, 1920.

Received, ordered printed in City Documents, and
sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

Jan. 22, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

The Sixty-Eighth Annual Report

OF THE

TRUSTEES

OF THE

FREE PUBLIC LIBRARY

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year 1919



NEW BEDFORD

THE A. E. COFFIN PRESS — PRINTERS

1920

Officers of the Free Public Library

FOR THE YEAR 1920.

Ex-Officio. *Trustees.* Terms expire January, 1921

CHARLES S. ASHLEY,.....Mayor of the City
THOMAS KIRKHAM,.....President of Board of Aldermen
FRANK A. McNULTY,.....President of Common Council

Elected by the City Council.

ABBOTT P. SMITH,	Term expires April, 1920
OTIS SEABURY COOK,	Term expires April, 1920
FRANK A. MILLIKEN,	Term expires April, 1921
SAMUEL F. WINSPIER,	Term expires April, 1921
FRANCIS M. KENNEDY,	Term expires April, 1922
CHARLES M. HOLMES,	Term expires April, 1922

President of the Board.
THE MAYOR.

Clerk.
GEORGE H. TRIPP.

Committees.

On Library...MESSRS. KENNEDY, MILLIKEN, AND HOLMES
On Finance....MESSRS. COOK, KENNEDY, AND WINSPIER
On the Building. MESSRS. SMITH, MILLIKEN, AND HOLMES
On Branches,.....MESSRS. WINSPIER AND COOK

Librarian.
GEORGE H. TRIPP.

Assistant Librarian.
CLEMENT L. YAEGER.

Cataloguer.
ANNA M. DeWOLF.

Librarian's Secretary and Stenographer.
MINERVA F. MAXFIELD.

Heads of Departments.

RUTH W. HATCH,.....Reference Librarian.
JANE E. GARDNER,.....Art Librarian.
JANE E. THUMAN,.....Children's Librarian.
GRACE D. SHERMAN,.....Circulation.

Desk Attendants and Assistants.

EDITH H. COBB,.....Ingraham Hall
EDITH H. BRODHEAD,.....Delivery Desk
FLORENCE E. FARWELL.....Catalogue and Delivery Desk
L. GERTRUDE WILCOX,.....Accession and Delivery Desk
ELLEN F. DOLLARD,....Assistant Art Room and Children's Room
ETHEL WILCOX,.....Assistant Children's Room
ALICE H. TRIPP,.....Genealogical Room
HELEN S. KENNEDY,.....Accession Room
LENA D. PAULL,.....Accession and Delivery Desk

Branches.

North.....ELSIE COLLINS, AMANDA DION
South.....JOHN WILKINSON
West.....WILLIAM W. LEACH

Pages.

Mildred Gracie	Lois Karcher	Everett McPeak
Milton H. Merchant		Gordon Ferguson
Edward Malloy	— <i>Elevator</i> —	Michael J. Young

Janitors.
Dennis J. Mahoney, Garrison L. Oliver George Sunderland

TRUSTEES' REPORT.



*To the Honorable, the City Council of the City of New
Bedford, Mass.*

The trustees present their sixty-eighth annual report to the City Council in the Report of the Librarian, which has been adopted by the Board.

Respectfully submitted,

BOARD OF TRUSTEES,

GEORGE H. TRIPP,
Clerk of the Board.

LIBRARIAN'S REPORT.

Usually public libraries show a decrease of circulation when business conditions are favorable and those who find time to read in leisure hours are employed in active, gainful pursuits, but during last year, which will perhaps rank as the most successful period in the history of New Bedford, the library more than held its own in its activities. The gain in actual books circulated over the preceding year was more than 50,000, a circulation 30,000 in excess of any previous year.

Americanization and its problems were not evaded, and besides the purchase of helpful books, two lectures were given in connection with the Massachusetts Immigration Board, one in Portuguese, and the other in Polish. They were both well attended, the Polish meeting especially bringing out an audience of nearly a thousand. Programmes were given by Polish residents, addresses made in Polish and English, especial attention being directed to the aid which the library could give to readers in that language. The Portuguese meeting was essentially on the same lines.

Lectures have been given as before in the High School Hall; during 1919, fifteen lectures. In the plan for lectures in the winter of 1919-1920, arrangements have been made for supplementary lectures to be given at the north and south ends of the city. Already three such meetings have been held; the audience, especially at the north, warrant their continuance.

A series of readings on Monday afternoons during the winter months was continued for two or three months, and seemed to meet with popular favor.

The Reference Department greatly suffered in the withdrawal of Miss Chase, who had for about eight years served as Reference Librarian. She has been granted temporary leave of absence on account of ill health. Her place was filled by Miss Marion Eaton of Simmons College, who served through the summer as Reference Librarian, and on resuming her work at Simmons, Miss Ruth W. Hatch was appointed to occupy the position at the pleasure of the Board. Both of these young ladies have done good work in the Reference Room, and the service has been uninterrupted.

Reports from the different departments are annexed to this report and will show in detail the work of the various divisions of the Library. In brief, the Juvenile Department has maintained its high position as purveyor to the needs of the youth, and the school collections have been handled entirely by that department so successfully that during the past year a remarkably large number of books has been used in the 170 school rooms which are favored with that service.

The Reference and Art Departments have been active in furthering the work of the library, the circulation of pictures having shown a marked increase, while as stated in the report of the Genealogical Room, a constant flood of inquiries from all over the country is directed to the Library on questions pertaining to family history which can only be answered by recourse to our collection.

Relative to the circulation of pictures, the Librarian was surprised to learn in conversation with the Librarian of one of the largest libraries of the country that our collection of pictures for circulation was ranked among the best.

Boxes of books have been loaned to St. Luke's Hospital for the use of convalescents, and have been very highly appreciated by the patients in that institution.

With the able co-operation of the Y. W. C. A. book stations have been established at eight mills. The service seems to be popular and of real value, and we hope it may be extended to many other mills.

There have been few special exhibitions in the building during the past year. The Japanese paintings by students of the Normal Art School of Tokio, a gift from the Japanese government to the American Library Association, have been displayed for several months and have been much admired.

The use of the Lecture Room by various organizations has shown a steady increase, the different meetings held there numbering 372. A rather surprising item in connection with this matter is that over seventy different organizations are numbered in the list of users of the Lecture Room and other meeting places.

As was mentioned in our report last year, there is great need of additional library accommodations in sections of the city not now accessible to the Branches. I would strongly urge the importance of establishing a branch in the Katherine Street School which will be of great assistance to the Community Service Work which has been inaugurated in that section.

The Library has been able to render help to neighboring libraries, especially in Hyannis, Chatham, Vineyard Haven, and Falmouth. We have at various times received assistance from the Boston Public Library which has loaned to us from its collection books which we did not have on our shelves.

The publications of the year include a List of Books, Magazines, etc., for Business Men which was circulated among the active members of the Board of Commerce. A supplement to the Portuguese books was also published.

Mrs. George A. Fuller of Acushnet has very kindly donated many flowers for the decoration of the Library, and they have been much appreciated.

Meetings of the staff have been held through the year when matters pertaining to the proper conduct of the Library have been discussed by the staff as a whole, and papers by individual members have been read.

GEORGE H. TRIPP, Librarian.

JUVENILE DEPARTMENT.

The close of the year 1919 finds the Juvenile Department growing at the branches at the ends of the city and expanding its activities in the greatly enlarged circulation of its school-room library collections. The importance of these collections cannot be overestimated as they form the connecting link between the Library and the homes of the foreign born citizens. Reports come of whole families enjoying the books taken from the Library collections in the Public Schools.

Our Library co-operated with other educational agencies in furthering the work of "Children's Book Week," Nov. 10-15, which was observed all over the country. Mrs. Mary E. S. Root, Children's Librarian of the Providence Public Library, gave an enthusiastic talk on "Books for Children" before a large and appreciative audience of mothers, teachers, and a few fathers. A book exhibit was held in connection with Mrs. Root's talk and was continued throughout the holiday season for the convenience of those who wished assistance in selecting books for children. The local book store rendered valuable assistance in bringing the lecture to the notice of its customers and in enlarging its stock of good books for children. The Children's Librarian gave a book talk before the Mother's Club and talked to the children at one of the schools. Lists of good books were distributed to parents, teachers, and children.

Collections of books were made for Labrador, Sassaquin, and for other institutions for children during Children's Book Week so that those children who cannot buy books may enjoy them through the generosity of more fortunately situated children.

One valuable bit of co-operation on the part of the principal of one of the schools deserves especial atten-

tion and represents a plan that might well be adopted by every school in the city. Every room from the 3B grade up is given a list of books to be found at the Library. The child makes his selection from the list suited to his grade and is ready upon request to tell the story in his own words. Although the plan has been in operation but a short time it has been successful in raising the standard of the English work of the school, by increasing the vocabulary of the children, and by widening their horizon through the introduction of new subjects of interest. The plan has many excellent points in its favor from the standpoint of the schools, and its important contribution to the Library is that it encourages early in a child's life the "Library habit."

Respectfully submitted,

JANE ELLIS THUMAN,

Children's Librarian.

REPORT OF THE REFERENCE DEPARTMENT
1919.

The work of the Reference Department has been about as usual this year. The shelves reserved for the High School teachers have been empty most of the time owing to the fact that the plan of supervised study adopted at the school makes it more feasible for the teachers to have small collections for a week or two in their classrooms. We are very glad to co-operate with the teachers in this, or in any other way.

An interesting request came as the result of a visit made to the teachers by the Reference Librarian. Miss Nelson, of the history department, asked that her class of juniors might come to the Library for instruction in the use of the catalogue and the magazine indexes. The results so far have been very gratifying. We hope that this instruction, supplementing that given to the eighth grades, may be given some day to all the High School classes.

A new filing cabinet has been added to the equipment of the Reference Room, a convenience very much appreciated by those in the department.

The loss of Miss Chase in the early part of the year has been felt keenly by the department. We wish her a most speedy recovery.

RUTH W. HATCH,
Reference Librarian.

ART DEPARTMENT.

During the year 1919 more than 68,000 pictures were in circulation, a larger number than at any time since the department was organized. Also more pictures and books were examined in the building than in previous years.

Some of the teachers are familiarizing themselves with the collections, and we would welcome a further extension of the educational work.

The temporary art exhibitions of pre-war days have been greatly missed by our visitors, who frequently inquire when these will be resumed.

While the Peace Conference was in session views of France, accompanied by descriptive books, were displayed in the lecture room, and were much enjoyed.

The main advantage in having the music collection on open shelves is, of course, to afford patrons an ample opportunity to browse over and to select music at leisure, but the Patent Room is so constantly in demand for various committee meetings that it proves, as was anticipated, quite unsatisfactory for the music lover. It is therefore sincerely to be hoped that a bookcase large enough for all of the music may soon be installed in the Art Room where, at all times, the collection may conveniently be examined by the public and supervised by the attendants.

JANE E. GARDNER,
Art Librarian.

GENEALOGICAL DEPARTMENT.

As in previous years, the resources of this department have been drawn upon by persons wishing to prove their eligibility to membership in the Daughters of the American Revolution, but more especially, this year, by those desiring to join the Massachusetts Society of Mayflower Descendants, in view of the approaching ter-centenary of the landing of the Pilgrims. In one instance, a visitor to this city from Indianapolis found something which proved helpful to her in filling out a Mayflower line.

Much research work has been done in reply to letters from people who were seeking to solve genealogical problems.

Mr. George S. Randall has been engaged by the Library to put some of the data concerning various families, which he has accumulated in his research work, into available form for immediate use. A few of these pamphlets have been completed, and Mr. Randall is still at work on others.

Mr. William M. Emery's painstaking work, "The Howland Heirs," appeared this year, and has been added to our collection. This book contains an interesting introduction by Hon. Wm. W. Crapo.

Thomas Robinson Hazard's "Johnny-Cake Papers of 'Shepherd Tom'" in its twenty-six "bakings," as the chapters are termed, is filled with many anecdotes of Rhode Island families.

Other books added during the year are:

"Hammatt Papers," by Abraham Hammatt, relating to early inhabitants of Ipswich, Mass.

"Portraits of the Founders," by Chas. Knowles Bolton.

Several numbers of the "Cape Cod Library."

The forty-seventh number of the "Old Dartmouth Historical Sketches," containing, "Extracts from Diaries of John Quincy Adams and Francis Adams, Relating to Visits to Nantucket and New Bedford, 1835 and 1843."

"Two Lectures on the History of Fairhaven, Mass.," by Franklin B. Dexter.

ALICE HOWLAND TRIPP.

APPENDIX A.

ADDITIONS BY CLASSES IN YEAR 1919.

NEW TITLES

General Works,	14	Description and Travel,	35
Ethics and Philosophy,	31	Individual Biography,	35
Religion,	19	Collective Biography and	
Sociology,	107	Genealogy,	33
Manners and Customs,	1	History,	126
Folk Lore	1	Fiction,	310
Education,	25	New titles in Foreign Languages	
Language,	17	French	78
Science,	20	Hebrew	26
Useful Arts,	79	Italian	16
Medicine, Physiology, and		Polish	14
Hygiene,	18	German	4
Fine Arts,	23	Spanish	1
Music,	7	Danish	1
Amusements and Sports,	15	Books for Children	61
Literature,	84	Books for the Blind	9

 1210

APPENDIX B.

CIRCULATION.

Main Collection, Adult.	No. of Books.	Percent of Whole
Classification.		
Miscellaneous, and periodicals,	8,881	4.89
Philosophy,	1,325	.73
Religion,	930	.51
Sociology,	2,597	1.43
Language,	754	.41
Science,	1,807	.99
Useful Arts,	4,249	2.33
Fine Arts,	5,561	3.06
English literature,	4,573	2.51
Foreign literature,	986	.54
Biography,	2,550	1.40
History,	5,103	2.81
Travel and description,	2,641	1.45
English fiction,	136,236	74.96
Foreign fiction,	3,549	1.95
	<hr/> 181,742	

Juvenile Room,		
Classification.		
Fairy Tales,	6,201	12.11
Biography,	1,006	1.96
History,	2,587	5.05
Travel and description,	1,852	3.61
Fiction,	27,275	53.29
Miscellaneous, including Bible Stories,		
Literature, Useful Arts,	12,258	23.95
	<hr/>	
Branches,	51,179	
Schools,	93,432	
Miscellaneous,	136,181	
	2,724	
	<hr/>	
Total circulation of books,	465,258	

Pictures loaned:		
Art photographs,	151	
Prints,	227	
Prints (color)	57,577	
Architecture,	159	
Sculpture,	38	
Stereographs	38,942	
Miscellaneous,	9,630	
	<hr/>	
	106,724	

APPENDIX C.

GENERAL STATISTICS FOR 1919

Books Added.

Volumes purchased, Main Collection,	2,551	
Volumes purchased, Juvenile Room,	1,002	
Volumes purchased, School Collection,	1,678	
Volumes added by gift,	1,270	
	<hr/>	
	6,501	

Pamphlets Added.

Pamphlets purchased,	90	
Pamphlets added by gift	5,095	
	<hr/>	
	5,185	

Other Additions.

Prints, and process pictures, (including 27 by gift)	335
Photographs, (including 675 by gift),	687
Postcards,	1,320
Atlas folios, maps, charts, (including gifts)	128
Miscellaneous pictures, cut and mounted	512
Miscellaneous	14

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15 o

Volumes worn out and withdrawn*

Main Collection	778	
Juvenile Room,	654	
School Collection,	1336	2768

*61 on account of being exposed to contagious diseases.

Volumes replaced:

Main Collection,	330	
Juvenile Room,	600	
School Collection,	733	1663

Net addition to the Library in volumes, 3,733

Number of volumes in Library, January 1, 1919 166,102

Number of volumes in Library, January 1, 1920 169,835

Volumes bound, including periodicals and books rebound:

Main Collection	2468	
Juvenile Room,	677	
School Collection,	1411	4556

Periodicals in Reading Room, (including 65 by gift) 356

Newspapers in Reading Room, " 9 " " 48

New cards issued:

Adult, Central Library	2,369*	
Through Branches	658	3,027
Cancelled,		162
Juvenile, Central Library	926	2,865
Through Branches,	1013	1,939
Cancelled,		2
		1,937

*Includes 431 Juvenile Transfers. 4,802

Total Registered Borrowers, Adult, 23,855

Juvenile 14,124

Books drawn for home use, Central Library, Main Collection,

Main Desk 80,704*,	Ingraham Hall
86,444, Reference Room 9,004, Art Room	
5,020†, Genealogical Room 537, Teachers' Room, 53	181,742

* Including 298 through Branches.

† Including 84 books for the Blind.

Books circulated from Juvenile Room, 51,179

Books circulated from School Collection, 136,181

Books circulated directly from Branch Reading Rooms, 93,432

Inter-Library loans 111

Other Agencies, [Including Engine Houses, Sunday Schools, Clubs, etc.] 2613

Total circulation of books 465,258

Pictures circulated from Art Room :

Art Photographs 151, Prints 227, Colored
 Pictures 57,577, Architecture 159, Sculpture
 38, Stereographs 1114, Miscellaneous 9630, 68,896

Pictures circulated from Juvenile Room:

Stereographs, in sets of 25 and 50, 3,7828

106,724

Notices sent out for over-due books:

Main Library—Postal cards 3,778; letters, 435 4,213

Juvenile Room—Postal cards 1,447; letters, 168 1,615

Branches— Postal cards 1,425; letters, 130 1,555 7,383

Messenger sent 131.

Books returned through messenger 34.

BRANCH READING ROOMS IN DETAIL.

NORTH.

Attendance, adult, Sundays, 1,597

Attendance, children, Sundays, 4,592

*6,189

Books circulated,—Adult 28,340;

Juvenile 19,318; Central 241

47,899

Cards issued through Central:

Adult, 408*; Juvenile, 587,

(*Including 67 Juvenile Transfers)

995

Periodicals in Reading Room,

36

Newspapers in Reading Room,

18

SOUTH.

Attendance, adult, 8,335; Sundays, 994 9,329

Attendance, children, 35,120; Sundays, 4,587 39,707

49,036

Books circulated,—Adult 6,567,

Juvenile 12,579; Central 43

19,189

Cards issued through central;

Adult, 155*; Juvenile, 353,

(*Including 43 Juvenile Transfers)

508

Periodicals in Reading Room,

24

Newspapers in Reading Room,

17

WEST.

Attendance, adult, 14,228; Sundays, 899 15,127

Attendance, children, 13,775; Sundays, 1,690 15,465

30,592

Books circulated,—Adult 18,838

Juvenile 7,790; Central 14

26,642

Cards issued through Central:

Adult, 95; Juvenile, 73

(*Including 14 Juvenile Transfers)

168

Periodicals in Reading Room,

27

Newspapers in Reading Room,

9

APPENDIX D.

FORM OF LIBRARY STATISTICS.

Compiled by the A. L. A. Committee on Library Administration.

Annual report for year ended, December 31, 1919.

Name of Library, New Bedford Free Public Library.

Name of Librarian, George H. Tripp.

City or town, New Bedford, Mass.

Population served, 122,000. (estimated.)

Terms of use —

Free for lending

Free for reference

Total number of agencies

Consisting of — Central library, One.

Branches, Three.

Other Agencies, 33 schools, 187 rooms in schools,
with average of 50 books in each room;

9 engine houses,

8 cotton mills,

1 vocational school, 1 hospital,

1 Community Centre,

1 Relief ship.

Number of days open during year (Central library), 365.

Hours open each week for lending (Central library), 72.

Hours open each week for reading (Central library), 79.

Total number of staff (counting as full time, adding together those
giving less than full time as fractions and reporting nearest
whole number), 22.

Total valuation of library property, \$622,000.

INCREASE.

	Adult	Juvenile	Total
Number of volumes at beginning of year	144,787	21,315	166,102
Number of volumes added during year by purchase	2,551	2,680	5,231
Number of volumes added during year by gift and exchange	1270		1270
	148,608	23,995	172,603
Number of volumes lost or withdrawn during year	778	1,990	2,768
Total number at end of year	147,830	22,005	169,835

Number of pamphlets at beginning of year,	Uncounted
Number of pamphlets added during year,	5,185
Number of maps and charts added during year,	128
Total number of maps at end of year (not including U. S. Geological Survey Maps)	399
Number of photographs added during year, including prints and pictures, and 1320 post cards	0 2854
Miscellaneous,	14
Total number of prints including photographs, etc.,	50,223
Number of sheets of music added during year,	
Total number of sheets of music at end of year,	Uncounted
Number of clippings added during year,	"
Total number of clippings at end of year,	"

USE.

	Adult	Juvenile	Total
Total number of volumes lent for home use	238,211	227,047	465,258
Number of volumes of fiction lent for home use from Central library,	139,785	27,275	167,060
Number of prints lent for home use,			106,724
Recorded use in reading rooms,			Uncounted
Number of exhibitions held,			3
Number of lectures given,			15
Number of publications issued,			10

REGISTRATION.

	Adult	Juvenile	Total
Number of borrowers registered during year	3,027	1,939	4,966
Total number of registered borrowers 1918,	23,855	14,124	37,979
Cancelled,	162	2	164
Registration period, 5 years.			
Number of periodicals (including newspapers and transactions of societies) currently received			
(Give both number of titles and copies—not pieces)			
357 titles with 514 copies of magazines, and 47 titles, with 81 copies of newspapers.			
Number of persons using library for reading and study.			Not counted.

APPENDIX E.

CITY APPROPRIATION.

Appropriation,		\$34,000.00
Transfers		3,221.34
		<hr/> 37,221.34
Salaries,	22,840.88	
Wages,	11,232.81	
Supplies,	725.56	
Express and freight,	162.86	
Lighting branches	410.70	
Heating branches,	570.00	
Water,	122.68	
Insurance,	111.00	
Labor and Repairs,	510.39	
Telephone,	64.20	
Car tickets,	60.00	
Furniture,	11.97	
Printing,	4.20	
Postage,	162.00	
Incidentals,	184.09	
Copying record,	48.00	
	<hr/> 37,221.34	37,221.34

DOG FUND.

Balance,		4.59
Income,		2,725.11
		<hr/> 2,729.70
Salaries,	2,040.48	
Express,	50.48	
Printing	2.10	
Supplies,	151.04	
Stamps,	15.00	
Gas and lighting,	34.77	
Water,	7.04	
Repairs,	164.75	
Incidentals,	20.48	
Car tickets	10.00	
Wages,	221.32	
	<hr/> 2,717.47	
Balance,	12.23	
	<hr/>	2,729.70

SYLVIA ANN HOWLAND FUND.

Balance,	171.81	
Income,	2,591.09	
		<hr/>
		2,762.90
Lectures,	879.00	
Books,	379.37	
Binding,	96.08	
Printing,	205.36	
Stationery,	13.67	
Periodicals,	64.08	
Lantern work,	28.00	
Lecture, inc.	29.00	
Music,	25.00	
		<hr/>
	1,719.56	
Balance,	1,043.34	
		<hr/>
		2,762.90

KEMPTON FUND.

Balance,		1,595.06
Income,		9,303.12
		<hr/>
Books,	5,706.34	10,898.21
Pictures,	52.75	
Periodicals,	2,978.77	
Binding,	2,303.89	
Stationery,	82.97	
Printing,	472.63	
Maps,	5.90	
Cards,	75.93	
Subscriptions to societies,	18.00	
Music,	.59	
Broadside,	3.00	
Boxes,	38.00	
Copying records,	384.00	
Translation,	20.00	
		<hr/>
		12,142.77

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21 0

CHARLES W. MORGAN FUND.

Balance,	26.02	
Income,	45.00	
	<hr/>	71.02
Books,	28.85	
Balance,	42.17	
	<hr/>	71.02

OLIVER CROCKER FUND.

Balance,	22.69	
Income,	45.00	
	<hr/>	67.69
Telephones,	5.00	
Salaries,	10.00	
Wages,	23.07	
	<hr/>	
	38.07	
Balance,	29.62	
	<hr/>	67.69

GEORGE O. CROCKER FUND.

Balance,	3.70	
Income,	548.00	
	<hr/>	551.70
Wages,	196.25	
Balance,	355.45	
	<hr/>	551.70

CHARLES L. WOOD FUND.

Balance,		52.41
Income,		90.00
		<hr/>
		142.41
Books	53.82	
Binding,	40.05	
	<hr/>	
	93.87	
Balance	48.54	
	<hr/>	142.41

GEORGE HOWLAND, JR., FUND.

Balance,		41.55
Income,		72.00
		<hr/>
		113.55
Books,	60.92	
Balance,	52.63	
	<hr/>	113.55

JAMES B. CONGDON FUND.

Balance,	13.05	
Income,	22.50	
	<hr/>	35.55
Books,	19.70	
Balance,	15.85	
	<hr/>	35.55

FINES ACCOUNT.

Balance,	84.80	
Fines Received,	1,152.12	
	<hr/>	1,236.92
Fines paid to city treasurer,	1,236.92	

TOTAL EXPENDITURES.

Books,	\$6,249.00
Stationery	96.64
Supplies,	876.60
Maps,	5.90
Periodicals,	3,042.85
Printing,	684.29
Telephone,	69.20
Water,	129.72
Car fares,	70.00
Postage,	177.00
Express,	213.35
Lectures,	936.00
Pictures,	52.75
Heating branches,	570.00
Insurance,	111.00
Salaries,	24,891.36
Incidentals,	204.57
Lighting Branches,	445.47
Furniture,	11.97
Wages,	11,673.45
Labor and Repairs,	675.14
Binding,	2,440.02
Cards,	75.93
Copying records,	432.00
Subscriptions to Societies,	18.00
Music,	25.59
Broadside,	3.00
Pamphlet boxes,	38.00
Translation,	20.00
	<hr/>
	\$54,238.80

APPENDIX F.

ORGANIZATIONS MEETING IN THE LIBRARY, 1919.

American Bankers Institute.
American Legion.
Americanization Committee.
Animal Rescue League.
Associate Boards of Health of the southeastern district.
Astronomical Society.
Battery D Association.
Board of Commerce. Americanization Committee.
Boy Scouts.
Catholic Woman's Club. Victory Loan.
Le Cercle Gounod.
Le Cercle Gounod Committee.
Charity Organization.
Child Welfare.
Civilian Relief.
Class of 1899, High School.
Class of 1918, High School.
Class for Sunday School Teachers.
College Club.
Committee for Syrian fair.
Council of Jewish Women.
Current Events.
Daily Vacation Bible School.
Daughters of Isabella, sewing class.
Daughters of the American Revolution.
Daughters of the American Revolution. Fort Phoenix Chapter.
Dressmaking class, Massachusetts Agricultural School.
Epworth League.
Equal Suffrage.
First Aid.
Food Conservation Committee.
Forestry Association.
Framingham Club.
Girl Scout Captains.
Girl Scouts.
Hebrew Society.
High School Alumni Association.
Home Economics Bureau.
Hospital Committee.
Instructive Nursing.

Junior Red Cross.
Kindergarten Association.
Lectures.
Massachusetts Agricultural College Clothing Class.
Massachusetts Agricultural School.
Massachusetts Agricultural Society.
Mothers' Club.
Musical by Blind Reading Circle.
National Association for the Advancement of Colored People.
Natural Taxation League.
New Bedford Horticultural Society.
New Bedford Medical Association.
New Bedford Musical Association.
Nominating Committee of Woman's Club.
Nominating Committee, Catholic Woman's Club.
Old Dartmouth Historical Society.
Old Dartmouth Historical Society. Executive Board.
Policemen.
Public Health Nurses.
Public School Association.
Reading.
Reading for Blind.
Red Cross.
Red Cross Branch.
Red Cross Executive Board.
Red Cross Magazine Committee.
Scout Captains.
Scout meeting.
Sectional Relief.
State extension sewing class.
Supervisors' meeting.
Teachers' Advisory Board.
Teachers' Association.
Teachers' Association Executive Board.
Teachers' Benefit.
Teachers' meeting.
Teachers' Welfare Board.
Victory Loan Committee.

MEETINGS IN LIBRARY, 1919.

Jan.

2. Le Cercle Gounod.
6. Junior Red Cross.
Battery D Association.
Public School Association.
Civilian Relief.
New Bedford Horticultural Society.
7. Teachers' meeting.
8. Le Cercle Gounod.
Scout meeting.
Teachers' meeting.
9. Current Events.
Lecture. L. U. Wilkinson. Barrie.
Americanization Committee.
Epworth League.
13. Civilian Relief.
Natural Taxation League.
Animal Rescue League.
Red Cross Executive Board.
14. Animal Rescue League.
Teachers' meeting.
15. Reading for the Blind.
Le Cercle Gounod.
16. Lecture. Miss Sturtevant.
Natural Taxation League.
18. Le Cercle Gounod Committee.
20. Civilian Relief.
Reading. J. E. Gardner.
Lecture. Mr. Pennoyer. Community Center Work.
21. Animal Rescue League.
22. Le Cercle Gounod.
23. Current Events.
Kindergarten Association.
25. Astronomical Society.
New Bedford Musical Association.
27. Reading. Elizabeth Watson.
Civilian Relief.
Americanization Committee.
28. New Bedford Musical Association.
29. Le Cercle Gounod.
30. Americanization Committee.

Feb.

1. Le Cercle Gounod Committee.
Lecture. Miss Sturtevant.
3. Mothers' Club.
Civilian Relief.
Junior Red Cross.
Le Cercle Gounod.
Horticultural Society.
Reading. H. H. Crapo.
4. Lecture. C. F. Towne. Americanization.
Battery D Association.
5. Reading for Blind.
Le Cercle Gounod.
6. Current Events.
National Association for Advancement of Colored People.
Kindergarten Association.
New Bedford Musical Association.
7. New Bedford Musical Association.
Board of Commerce Americanization Committee.
10. Reading. "Mrs. L. M. Sargent.
Civilian Relief.
College Club.
11. Animal Rescue League.
12. Le Cercle Gounod.
13. Astronomical Society.
National Association for Advancement of Colored People.
15. New Bedford Musical Association.
17. Reading. Miss Trowbridge and Mrs. Fletcher.
Civilian Relief.
Lecture. Miss Sturtevant.
18. Teachers' benefit.
19. Le Cercle Gounod.
Reading for Blind.
20. Current Events.
National Association for Advancement of Colored People.
Kindergarten Association.
24. Reading. Mrs. Lothar Neitsch.
Civilian Relief.
25. Old Dartmouth Historical Society.
26. Le Cercle Gounod.
Reading. C. W. Clifford. Lowell.
27. Lecture. Powys. Literature and Life.
28. Daily Vacation Bible School.

March

1. Astronomical Society Lecture.
3. Food Conservation Committee.
Reading. Mrs. C. P. Moody.
Civilian Relief.
5. Girl Scout Captains.
Le Cercle Gounod.
Reading for Blind.
Lecture. Miss Sturtevant.
6. Kindergarten Association.
7. Lecture. Mrs. Reed. Better Dressing on Less Expenditure.
8. Current Events. Miss Simpson.
9. Hebrew Society.
10. Reading. Dr. N. A. Stanley.
Civilian Relief.
Girl Scout Captains.
Woman's Club Nominating Committee.
Red Cross Executive Committee.
11. Animal Rescue League.
Battery D Association.
12. Le Cercle Gounod.
13. Current Events.
Lecture. J. C. Powys. Chesterton.
Astronomical Society.
14. Dressmaking class.
Red Cross.
Massachusetts Agricultural Society.
15. Current Events.
17. Reading. Miss Mary Macreading.
Civilian Relief.
18. Nominating Committee, Woman's Club.
19. Le Cercle Gounod.
New Bedford Musical Association.
21. Dressmaking class.
Massachusetts Agricultural Society.
22. Current Events.
23. Council of Jewish Women.
24. Reading. Rev. F. A. Wilmot.
Civilian Relief.
Teachers' Association.
Old Dartmouth Historical Society.
25. Teachers' Advisory Board.
26. Le Cercle Gounod.

- Nominating Committee, Woman's Club.
27. Current Events.
Teachers' Association.
Framingham Club.
28. Dressmaking class.
Massachusetts Agricultural Society.
Forestry Association.
Red Cross Magazine Committee.
31. Reading. Mrs. A. L. Shockley.
Supervisors' meeting.
College Club.

April

1. Battery D Association.
Class for Sunday School Teachers. Rev. F. A. Wilmot.
Nominating Committee of Woman's Club.
Girl Scouts.
2. Reading for Blind.
Le Cercle Gounod.
4. Dressmaking class. Massachusetts Agricultural School.
Teacher's Association.
5. Nominating Committee of Woman's Club.
Astronomical Society lecture. Prof. Slocum.
Current Events.
Massachusetts Agricultural School.
7. Reading. G. H. Tripp.
Lecture. R. A. Baumgardt. Spain and the Alhambra.
Lecture. J. A. Brown. How to Avoid Bolshevism.
Natural Taxation League.
Civilian Relief.
Battery D Association.
8. Animal Rescue League.
9. Le Cercle Gounod.
Teachers' Advisory Committee.
10. Victory Loan Committee.
Astronomical Club.
Child Welfare.
11. Victory Loan Committee.
Massachusetts Agricultural College Class.
New Bedford Musical Association.
12. Current Events.
14. Musical by Blind Reading Circle.
Civilian Relief.

16. Le Cercle Gounod.
17. Victory Loan Committee.
Massachusetts Agricultural College class.
21. Civilian Relief.
Catholic Woman's Club Victory Loan.
22. Animal Rescue League.
Nominating Committee Catholic Woman's Club.
24. Teachers' Association Advisory Committee.
25. Teachers' Association Executive Board.
New Bedford Musical Association.
Massachusetts Agricultural College clothing class.
30. New Bedford Musical Association.
Le Cercle Gounod.

May

1. Teachers' Association Advisory Board.
Child Welfare.
2. First Aid.
Teachers' Association Advisory Board.
3. Current Events.
5. Civilian Relief.
6. Animal Rescue.
Battery D Association.
7. Girl Scout Captains.
Blind Reading Circle.
Le Cercle Gounod.
8. Astronomical Society.
9. New Bedford Musical Association.
High School Alumni Association.
First Aid.
12. Civilian Relief.
13. Animal Rescue.
Home Economics Bureau.
14. New Bedford Musical Association.
Teachers' Association.
Le Cercle Gounod.
15. Teachers' Association.
16. Vacation Bible School.
First Aid.
19. Civilian Relief.
School Supervisors.
20. Teachers' Association Executive Board.
Lecture. H. S. Hutchinson.

21. Battery D Association.
Lecture. Household Accounts and Budgets.
Instructive Nursing.
23. First Aid.
26. Civilian Relief.

June

2. Civilian Relief.
Clothing class.
Vacation Bible School.
New Bedford Horticultural Sosciety.
4. Teachers' Association.
Battery D.
5. Clothing class.
High School Alumni.
Executive Board Catholic Woman's Club.
6. First Aid.
7. Equal Suffrage.
10. Animal Rescue.
Teachers' Association Executive Board.
High School Alumni.
11. Peony show.
Le Cercle Gounod.
Teachers' Advisory Board.
12. Astronomical Society.
14. Miss Sturtevant. Lecture.
16. Civilian Relief.
17. Class of 1918, High School.
18. Vacation Bible School.
Lecture. Miss Sturtevant.
Teachers' Advisory Board.
- 18-19. Rose show.
20. Class of 1899, High School.
Teachers' Welfare Board.
23. Teachers' Advisory Board.
24. Public Health Nurses.
Scout Captains.
30. Civilian Relief.
Committee for Syrian Fair.

July

2. New Bedford Musical Association.
7. Daily Vacation Bible School teachers.

14. Civilian Relief.
Red Cross.
30. New Bedford Musical Association.

Aug.

18. Red Cross.
- 20-21-22. Gladiola Show.
23. Hospital Committee.
25. Civilian Relief.

Sept.

11. American Bankers' Institute.
16. Daughters of the American Revolution.
17. Old Dartmouth Historical Society Executive Board.
Le Cercle Gounod.
19. Bankers' Institute.
New Bedford Medical Association.
22. Civilian Relief.
23. Teachers' Advisory Board.
24. Le Cercle Gounod.
Bankers' Institute.
Teachers' meeting.
25. Teachers' Advisory Board.
26. Current Events.
Committee Catholic Woman's Club.
American Legion.
29. Civilian Relief.
30. Boy Scout Lecture.
Dahlia show.

Oct.

1. Dahlia show.
Bankers' Institute.
Le Cercle Gounod.
2. Executive Board Catholic Woman's Club.
6. American Legion.
7. Boy Scout lecture.
8. Le Cercle Gounod.
Bankers.
9. Lecture. Frederic Dean. "Puerto Rico."
Astronomical Club.
Associate Board of Health of Southeastern District.
14. Boy Scout lecture.

15. Le Cercle Gounod.
Bankers' Institute.
16. Red Cross annual meeting.
Lecture. M. W. Brockwell. "English Masters."
17. Equal Suffrage Association.
20. Lecture. College Club.
D. A. R.
Civilian Relief.
Teachers' Association.
21. Teachers' Advisory Board.
22. Le Cercle Gounod.
Red Cross Branch.
Bankers' Institute.
24. New Bedford Musical Association.
Sectional Relief.
Policemen.
27. Red Cross.
28. Boy Scouts' lecture.
29. Lecture. H. C. Ostrander. "Japan." Knowlton School.
Le Cercle Gounod.
Suffrage Committee.
Bankers' Institute.
30. Lecture. H. C. Ostrander. "Northern Africa, Morocco
and Algiers." High School Hall.
31. Lecture. H. C. Ostrander. "Mohammedan Lands in the
'Near East.'" Katherine Street School.

Nov.

3. Civilian Relief.
4. Boy Scout Lecture.
5. Le Cercle Gounod.
Reading for the Blind.
Teachers' Welfare Board.
6. Lecture. Ettore Cadorin. "Art of Italy's Newly Re-
deemed Countries."
Bankers' Institute.
Medical Association.
7. Current Events.
10. Lecture. Mrs. Mary Root. "Children's Books."
Civilian Relief.
Charity Organization. Annual meeting.
11. Boy Scout Lecture.

12. Lecture. E. H. Baynes. "Animals in War Time." Knowlton School.
Le Cercle Gounod.
Public School Association.
Teachers' Welfare.
Bankers' Association.
13. Lecture. E. H. Baynes. "Animals in War Time." Katharine Street School.
Current Events.
Astronomical Club.
14. Lecture. E. H. Baynes. "American Bison."
17. Civilian Relief.
D. A. R., Ft. Phoenix Chapter.
Daughters of Isabella. Sewing class.
18. Boy Scout Lecture.
19. Le Cercle Gounod.
Bankers' Institute.
20. Lecture. A. S. Riggs. "Maritime Provinces of Italy."
21. Current Events.
Daughters of Isabella.
24. New Bedford Medical Society.
Daughters of Isabella.
25. Boy Scout Lecture.
26. Le Cercle Gounod.
Bankers' Institute.
28. Daughters of Isabella.

Dec.

1. Daughters of Isabella. Sewing class.
2. Teachers' Advisory Board.
3. Le Cercle Gounod.
Bankers' Institute.
4. Lecture. W. W. Ellsworth. "Theodore Roosevelt, American."
5. Current Events.
Daughters of Isabella.
8. New Bedford Medical Association.
Red Cross.
State Extension Sewing Class.
9. American Legion.
10. Le Cercle Gounod.
Teachers' Welfare Board.

- Bankers' Institute.
Daughters of Isabella.
11. Astronomical Society.
Current Events.
 12. Daughters of Isabella.
 15. Ft. Phoenix Chapter, D. A. R.
Daughters of Isabella.
 16. Junior Red Cross.
 17. Le Cercle Gounod.
Bankers' Institute.
 19. Current Events.
Daughters of Isabella.
 22. New Bedford Medical Society.
Daughters of Isabella.
 23. Le Cercle Gounod.
 24. Bankers' Institute.
 26. Daughters of Isabella.
 30. Le Cercle Gounod.

CITY OF NEW BEDFORD.



IN BOARD OF ALDERMEN,

Feb. 12, 1920.

Received, ordered printed in City Documents for concurrence.

W. H. B. REMINGTON,
City Clerk.



IN COMMON COUNCIL,

Feb. 12, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

TWENTY-SIXTH ANNUAL REPORT

OF THE

Department of Parks

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year Ending December 31, 1919



NEW BEDFORD
THE A. E. COFFIN PRESS — COFFIN BUILDING
1920

BOARD OF PARK COMMISSIONERS.

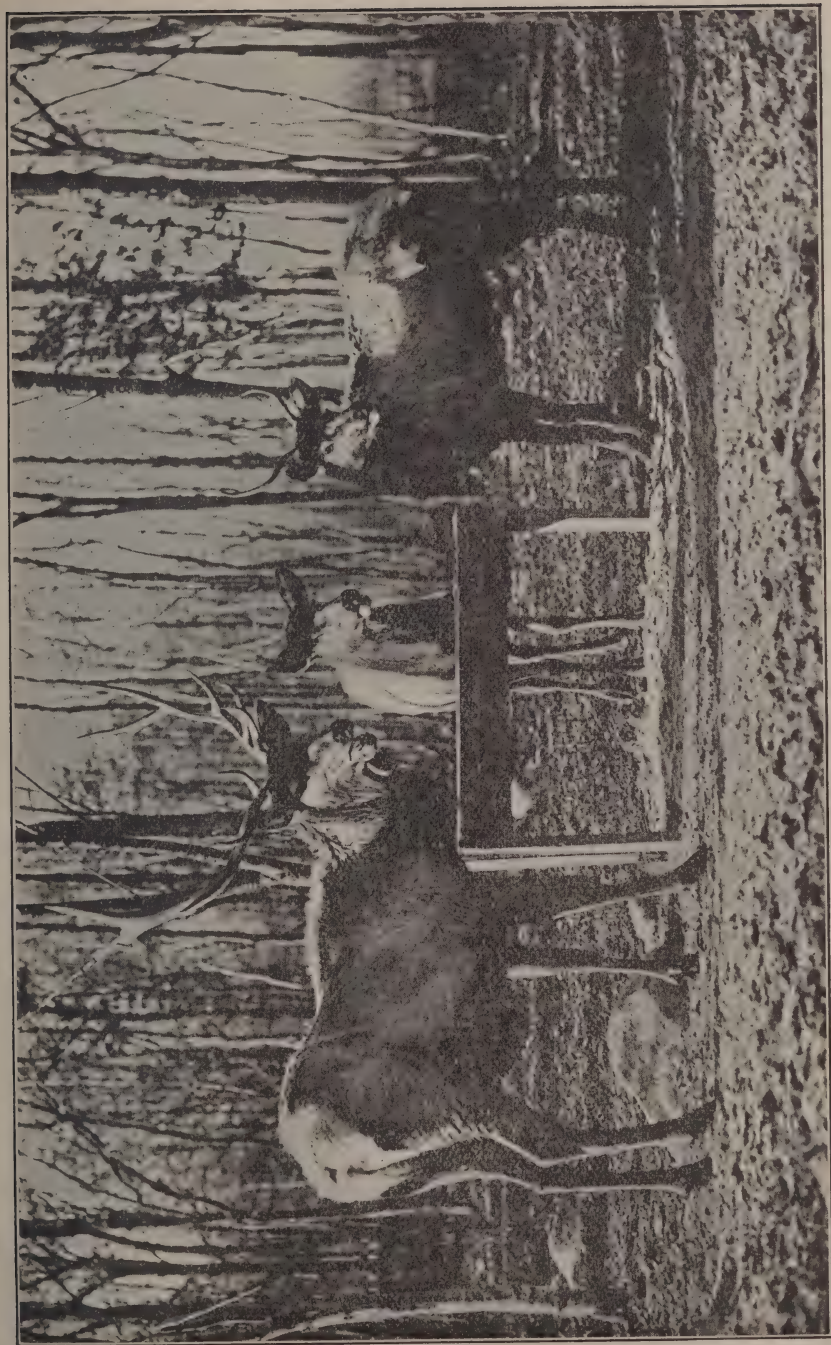
1919

WILLIAM P. COVELL,
WILLIAM F. CASWELL,
GEORGE H. HEDGE,
JOSEPH BARNES,
GEORGE H. CUSHING.

OFFICERS.

WILLIAM P. COVELL,	Chairman
WILLIAM F. CASWELL,	Secretary
EVERETT B. SHERMAN,	General Superintendent
CLARA C. CANAVAN,	Stenographer

CONSULTING ENGINEER.
GEORGE H. NYE.



ELK—BUTTONWOOD

CITY OF NEW BEDFORD,
OFFICE OF THE BOARD OF PARK COMMISSIONERS,

December 1, 1919.

*To His Honor the Mayor and the City Council of New
Bedford:*

GENTLEMEN:—

In compliance with the requirement of the law, the Board of Park Commissioners of the City of New Bedford have the honor to submit herewith a report of its transactions, including a financial statement for the year ending November 30, 1919.

We present a statement of our financial condition as follows:

Appropriation by the City Council, \$49,000. Of this amount \$36,381.11 was expended for labor and \$12,537.74 for maintenance, leaving a balance of \$81.15.



It has been our aim at all times to perform the duties with which we are charged in as efficient and economical a manner as possible. We know that there are many park improvements that are absolutely necessary and trust to have a sufficiently large enough appropriation to carry them through this season.

There is still the urgent need for a comfort house of proper sanitation at Buttonwood Park. We make an earnest appeal that this deficiency, in a recreation spot of one hundred acres devoted to the pastime of New Bedford's citizens, be remedied.

During the year to attract the birds to Buttonwood Park, which is in itself, with its deep woods, its fine tree growth and its marshy lands, a natural bird haunt, we have placed throughout the park, bird houses, suet holders and feed boxes. During the winter many flocks of grossbeaks have been staying about the park feeding with the pigeons, and our employees have been most assiduous in their care of the birds.

We have built at Buttonwood Park during the past season a small aviary and hope during the next few months to obtain some bright plumage birds for our visitors. We are also desirous of obtaining several species of attractive ducks, both for here and Brooklawn Park, as an appeal in the way of natural history.

Our zoo at Buttonwood Park continues to be a center of attraction. We have at the present time an oversupply of bears from the viewpoint of small quarters, but hope before



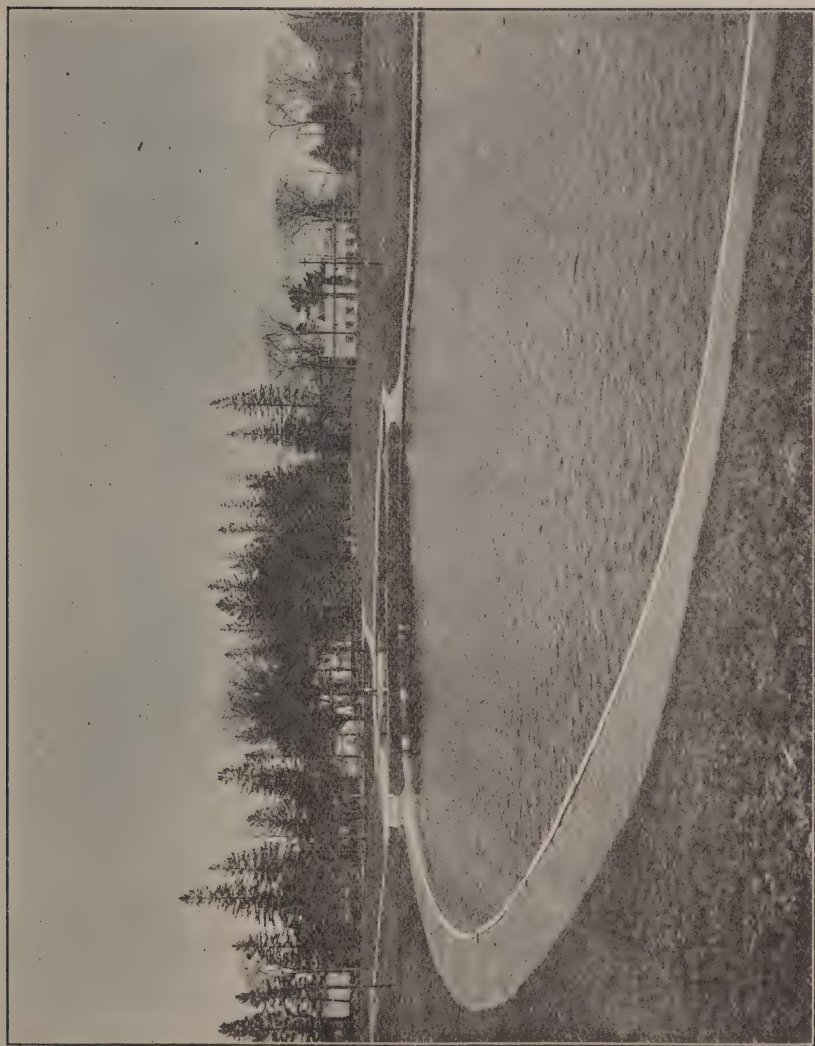
long to enlarge our bear-pits, for, from the standpoint of a zoo's being an educational institution, it deserves the strongest support possible.

From an economical standpoint we would recommend the construction of a new greenhouse on park property, thus saving the land rental where our present greenhouses are now located. Our displays would be more attractive if the department were equipped with the necessary greenhouses. It is obvious that such a structure is absolutely necessary for future work along this line.

The playground apparatus at Grove Park has been kept in excellent condition during the past year. When the season reopens they will be carefully looked over and all necessary repairs made. We are endeavoring to make this place as attractive as possible because of the fact of its being located in a densely populated district. That playground and recreation centers are vital to the health, happiness and morale of the young, is now universally agreed upon.

During the months of July and August we utilized the skating pond at Brooklawn Park by drawing off the water to a depth in which children could wade during the hot days. The administration house here is in need of painting and repairing. It has many possibilities in the way of attractiveness as a rest house for park visitors.

Tennis was played on all the parks and every court was busy from the middle of April until late in the fall, and by



BROOKLAWN PARK

our present permit system we were able to give everyone an equal chance to play.

The north driveway of Brooklawn Park is at the present time in bad condition due to the heavy traffic. It is quite important that this roadway be kept in good condition as it affords an easy access to the neighborhood lying west of the park.

The garden plot arrangement proved a very successful experiment with most gratifying results. On the park gardens we raised enough vegetables to help feed the animals during the winter season, thereby economizing in the expense of animal food.

To carry on effectively plans for park improvements and maintenances, more money will be required than is furnished by the annual appropriation. Surely no other equal expenditure, aside from that assigned to educational purposes, redounds more to the benefit of a community. Such moneys may be considered as sound investments for the general welfare of a people.

Our constant aim must be to make our parks meet the popular demands in the way of furnishing athletic pastime, for recreation and rest, and to make them picturesquely attractive to gratify the love of the beautiful in nature.

In fine, there should be no cavelling at the support of a system which tends so strongly to the betterment of the condition of the masses. Parks are indispensable to a people.



BROOKLAWN PARK

Their beneficent influences are far reaching. They have gained a proud place in the civic usefulness of our city.

Respectfully submitted,

Board of Park Commissioners,

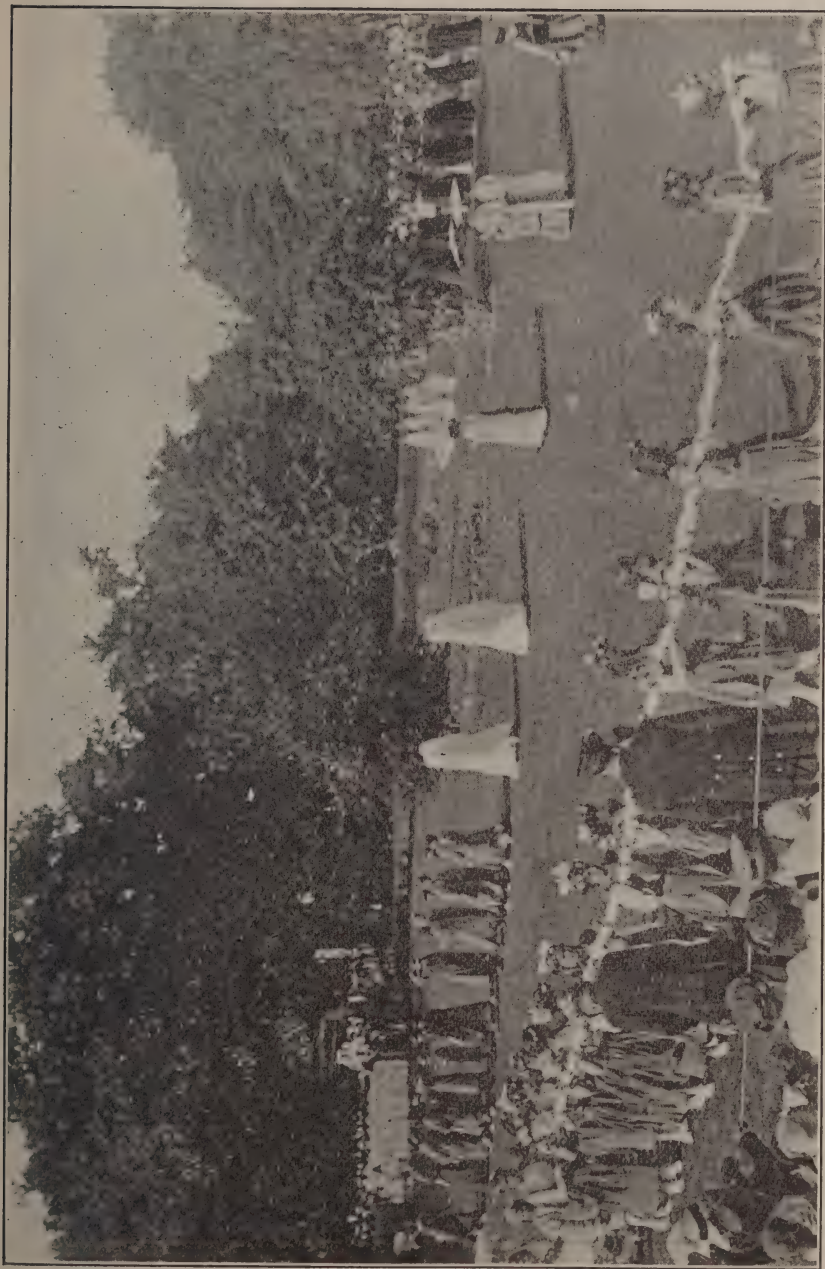
WILLIAM P. COVELL, Chairman.

WILLIAM F. CASWELL, Secretary.

GEORGE H. HEDGE,

GEORGE H. CUSHING,

JOSEPH BARNES.



PAGEANT—COMMON

SUPERINTENDENT'S REPORT.

December 1st, 1919.*To the Board of Park Commissioners:*

It is my pleasure to submit to the Board of Park Commissioners my Second Annual Report. In so far as financial possibilities would allow, it has been my earnest endeavor to meet the requirements of the public.

The City Council has allotted to this department as Victory Park Lots 12 and 13 of the Almshouse property situated on Brock Avenue. At this park three cricket courts, three soccer football fields and a baseball diamond have been made. These have proved an effective feature in adding to the popularity of this recreation ground as shown by increased attendance at all games.

Activity in sports have taken on an added interest during the past year. I would like to suggest for your consideration the location of a new baseball diamond at Buttonwood Park. We have, in the parks, all told, five baseball diamonds which have been very popular. There is a decided need for concrete bleachers, with locker rooms, both at Brooklawn Park and at Victory Park.

There is now under construction a bowling green at Hazelwood Park which will in all probability be completed before the opening of the summer season.



COMMON

The tennis courts at Buttonwood Park are becoming more popular each season. The Board would do well to lay out another court, as this could be done at a very small expense.

During the year there have been born in the zoo at Buttonwood Park, three black bears, five deer and one elk, and the little bears have attracted widespread interest during the past summer not only among the children who frequent the park, but also among many grownups, who have watched them with interest.

There have been placed in the parks during the year twelve bird houses, six suet boxes and six feed boxes. The New Bedford Bird Club has kindly donated to Buttonwood Park a martin house, and this has been an effective means of attracting the smaller birds to the place. It will be interesting to bird lovers to note that numerous flocks of evening grosbeaks have made their appearance at Buttonwood as early as January and stayed about the place until well into the spring.

I am particularly desirous of working each year as far as possible in accordance with the plan given a few years ago by Olmsted and Eliot, Landscape Architects, with the aim of beautifying the already natural features of the park.

Respectfully submitted,

E. B. SHERMAN, General Superintendent.



HAZEL WOOD PARK

FINANCIAL REPORT

New Bedford, Mass., December 1, 1919.

To the Board of Park Commissioners:

GENTLEMEN:—The twenty-sixth annual financial report of the receipts and expenditures of the department of parks for the year ending November 30, 1919, which I have the honor to submit contains in detail, information regarding the finances of the department for the past year.

FINANCIAL STATEMENT FOR THE YEAR.

Buttonwood Park.....	\$15,002.94
Hazelwood Park.....	5,169.21
Brooklawn Park.....	9,184.69
Triangle Park.....	50.00
Common.....	9,865.33
Office.....	6,668.12
Ashley Park.....	615.34
Bridge Approach.....	869.98
Grove Park.....	1,493.24
Balance on hand.....	81.15
Transferred to unappropriated funds....	3,279.12
(See City Auditor's report)	
	<u>\$52,279.12</u>

RECEIPTS

Appropriation.....	\$49,000.00
Sale of Land.....	3,001.95
Cafe Privileges.....	150.00
Sale of Wood and Eggs.....	58.67
Sale of Pigeons.....	68.50
	<u>\$52,279.12</u>

OFFICE EXPENSES AND MISCELLANEOUS.

Superintendent	\$2,055.66
Stenographer	1,174.00
Pension	994.98
Supplies	114.10
Auto Repairs, Gasoline, etc	331.39
Automobile	1,250.00
Telephone	133.17
Traveling Expenses	292.45
Printing	57.80
Annual Report	159.70
Miscellaneous	105.87
	<hr/>
	\$6,668.12

MAINTENANCE OF THE COMMON.

Expenditures

Keeper	\$1,515.50
Police	2,004.50
Labor	4,169.70
Pension	379.75
Rent of Greenhouse	240.00
Lights	240.12
Seed	346.97
Dressing	55.54
Water	205.29
Supplies,	80.99
Repairs	265.45
Coal	267.19
Miscellaneous	94.33
	<hr/>
	\$9,865.33

PARK DEPARTMENT

21 P

MAINTENANCE OF HAZELWOOD PARK.

Expenditures

Keeper and Laborers	\$3,100.61
Bowling Green, Labor.....	\$ 901.23
Materials.....	802.85
	<hr/> 1,204.08
Telephone	36.53
Supplies.....	168.93
Repairs	359.45
Teaming.	20.00
Care of Rest Room.....	193.70
Water.....	57.66
Miscellaneous.....	28.25
	<hr/> \$5,169.21

MAINTENANCE OF GROVE PARK.

Expenditures

Labor.....	\$1,352.40
Repairs	88.30
Supplies.....	7.81
Water.....	5.18
Teaming.....	33.00
Miscellaneous.....	6.55
	<hr/> \$1,493.24

MAINTENANCE OF TRIANGLE PARK.

Expenditures

Labor.....	\$50.00
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MAINTENANCE OF BUTTONWOOD PARK.

Expenditures

Keeper.....	\$1,370.50
Police.....	1,196.20
Labor.....	6,671.24
Compensation.....	434.00
Animal food.....	646.80
Repairs.....	651.31
Lights.....	241.30
Telephone.....	39.68
Coal.....	108.00
Supplies.....	288.73
Water.....	133.60
Horse Lawn Mower.....	300.00
Repairs to Bear House.....	127.87
Weed Killer.....	51.45
Plans (Skating House).....	526.60
Laying New Drain.....	58.30
New Bird House.....	1,505.62
Road Oil.....	97.06
Repairs to Flag Staff.....	388.80
Miscellaneous.....	166.68
	<hr/>
	\$15,002.94

MAINTENANCE OF BROOKLAWN PARK.

Expenditures

Keeper.....	\$1,380.75
Police.....	1,365.01
Labor.....	4,936.74
Animal food.....	202.92
Coal.....	305.25
Supplies.....	130.15
Repairs.....	336.16
Water.....	419.26
Telephone.....	39.43
Lights.....	25.07
Miscellaneous.....	43.95
	<hr/>
	\$9,184.69

MAINTENANCE OF BRIDGE APPROACH.

Expenditures

Labor.....	\$763.00
Dressing.....	10.00
Water.....	46.48
Repairs.....	28.15
Coal.....	18.80
Supplies.....	1.55
Micellaneous.....	2.00
	<hr/>
	\$869.98

MAINTENANCE OF ASHLEY PARK.

Expenditures

Labor.....	\$615.34
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MONTHLY EXPENDITURES, MATERIALS
AND SUPPLIES.

1918	December.....	\$753.28
1919	January.....	318.27
	February.....	232.46
	March.....	807.07
	April	496.27
	May.....	1,985.18
	June.....	1,442.14
	July.....	1,700.74
	August.....	1,177.53
	September.....	454.43
	October	954.32
	November.....	2,216.05
	Total	<hr/> 12,537.74

PAYROLLS

1918	
December.....	1, 2, 3, 4, \$2,116.84
1919	
January.....	5, 6, 7, 8, 1,995.20
February.....	9, 10, 11, 12, 1,963.05
March.....	13, 14, 15, 16, 17 2,728.62
April.....	18, 19, 20, 21, 2,490.13
May.....	22, 23, 24, 25, 26..... 4,047.62
June.....	27, 28, 29, 30, 3,587.92
July.....	31, 32, 33, 34, 3,198.33
August....	35, 36, 37, 38, 39..... 4,174.01
September.....	40, 41, 42, 43, 3,045.03
October.....	44, 45, 46, 47, 3,036.41
November.....	48, 49, 50, 51, 52 3,997.95
	<hr/> \$36,381.11

Respectfully Submitted,

E. B. SHERMAN,

General Supt. of Parks.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

June 10, 1920.

Received, ordered printed in City Documents for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

June 10, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

ANNUAL REPORT
OF THE
CHIEF OF POLICE

OF THE
CITY OF NEW BEDFORD
MASSACHUSETTS

For the Year Ending December 31,
1919



NEW BEDFORD, MASS.
A. E. COFFIN PRESS — PRINTERS
1920.

CITY OF NEW BEDFORD.



IN BOARD OF ALDERMEN,

January 8, 1920.

Received, ordered printed in City Documents, and
sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

January 8, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

Annual Report

CITY OF NEW BEDFORD.

JANUARY 2, 1920.

*To His Honor the Mayor, and Gentlemen of the
City Council:*

GENTLEMEN:—I have the honor to herewith submit the annual report of the condition and doings of the Police Department for the year ending December 31, 1919.

This department consists of the following :

Deputy Chief,	1	Chauffeurs,	3
Captains,	3	Housekeepers,	5
Chief Inspector,	1	Electrician	1
Inspectors,	11	Telephone Operator	1
Lieutenants,	13	Lineman	1
Sergeants,	7	Janitors,	2
Patrolmen,	179	Laborer,	1
Policewoman,	1	Cleaners,	2
Matron,	1	On Pension,	8
Stenographer,	1		
		Total,	242

Reserve officers 37.

Number of arrests during the year, 2354.

	Arrests by months.	Males.	Females.
January,	243	207	36
February,	230	206	24
March,	252	220	32
April,	172	150	22
May,	232	203	29
June,	231	192	39
July,	154	144	10
August,	203	190	13
September,	211	189	22
October,	164	146	18
November,	120	107	13
December,	142	121	21
	2354	2075	279

Americans,	1101	Arrests in 1915,	3514
Foreigners,	1253	Arrests in 1916,	3585
Non-residents,	420	Arrests in 1917	4282
Minors,	438	Arrests in 1918,	3521
On Warrants,	1065		

NATIVITY OF PRISONERS.

Albania,	8	Mexico,	3
Australia,	3	Norway,	6
Austria-Hungary,	53	Palestine,	1
Azores Islands,	203	Poland,	41
Belgium,	5	Portugal,	128
Canada,	249	Russia,	63
Canary Islands,	1	Scotland,	22
Cape de Verde Islands,	120	South America,	8
China,	4	Spain,	2
Denmark,	1	St. Helena,	1
England,	126	Sweden,	9
Finland,	1	Switzerland,	1
France,	3	Syria,	24
Germany,	2	Turkey,	2
Greece,	29	United States,	1101
Ireland,	70	Wales,	1
Italy,	18	West Indies,	5
Madeira,	40		
			<hr/> 2354

OFFENCES

Abandonment,	1
Abduction,	1
Accosting with offensive language,	1
Admitting children to public dances,	2
Adultery,	24
Aiding in promoting a lottery,	1
Assault,	4
Assault and battery,	249
Assault felonious,	2
Assault with weapon,	8
Assault indecent,	1
Assault on officer,	9
Being an unlicensed broker,	1
Breaking and entering and larceny,	84
Breaking and entering and larceny, attempt,	5
Breaking and entering with intent to commit adultery,	1
Carrying a weapon,	16
City ordinances, violating,	33
Collecting junk without a license,	1
Concealing leased property,	3
Contempt of Court,	17
Creating a disturbance on a street car,	2
Cruelty to animals,	6

Defrauding a hotel,	1
Delinquents,	127
Deserter,	8
Desertion,	23
Disorderly conduct,	8
Disturbing the peace,	79
Drunkenness,	748
Electrician laws, violating,	5
Encouraging delinquency,	2
Escaped Prisoners,	2
Failing to post price and quality list in shop,	3
False alarm of fire,	1
Food laws, violating,	4
Forgery,	2
Fornication,	6
Fugitive from justice,	9
Game laws, violating,	1
Gaming, present at,	23
Gaming on the Lord's Day	2
Gaming on the Lord's Day, present at	30
Gaming house, keeping,	1
Gaming nuisance, keeping and maintaining,	8
Giving insufficient measure,	2
Giving insufficient weight,	3
Giving insufficient weight, attempt,	14
Habitual truant,	12
Having a gaming device in possession,	1
Health laws, violating,	8
Indecent exposure,	5
Idle and disorderly,	29
Illegal practice of medicine,	3
Illegal sales of liquor,	1
Illegal use of horse and wagon,	1
Illegitimate children act, violating,	40
Injury to a shade tree,	2
Insane,	3
Interfering with an officer,	3
Keeping a disorderly house,	9
Keeping liquor with intent to sell,	16
Keeping a pool table for hire without a license,	1
Keeping and maintaining a liquor nuisance,	3
Labor laws, violating,	22
Larceny,	129
Lewdness,	4
Lewd and lascivious cohabitation,	27
Lewd and lascivious conduct,	1
Making a false statement,	2
Maliciously breaking glass,	1
Malicious injury to personal property,	1
Manslaughter,	3
Milk laws, violating,	20
Motor vehicle laws, violating,	132
Murder,	1
Neglect of children,	17

Neglect of family,	120
Neglect of parent,	6
Neglected children,	30
Night walking,	7
Obstructing an officer,	6
Open and gross lewdness,	2
Parole, violating,	3
Peddling without a license,	1
Profanity,	1
Rape,	12
Rape, attempt,	4
Receiving stolen property,	4
Sale of cigarettes to a minor,	2
Sale of diseased horse,	1
Sale of leased property,	1
School laws, violating,	5
Stubbornness,	5
Surrendered by Probation Officer,	6
Trade law, violating,	1
Traffic laws, violating,	13
Threats,	8
Trespass,	2
True name law, violating	1
Unlawful use of railway transfers,	1
Unlawful use of registered milk bottles,	1
Unlawfully conveying encumbered land without notice,	2
Unlicensed dog, keeping,	3
Using false scales,	1
Using unsealed scales,	1
Using indecent language,	1
Using insulting language,	2
Vagrants,	11
White slave laws, violating,	4
Wilful injury to property,	5
	<hr/>
	2354

PRIMARY DISPOSITION OF CASES

Placed on file,	283
Sentenced to penal institutions,	296
Fined,	459
Continued	656
Released by order of the Court,	392
Defaulted,	18
Delivered to out of city officers,	34
Delivered to keeper of jail	7
Delivered to State Board of Charity,	3
Delivered to U. S. Army officers,	2
Delivered to U. S. Navy officers,	5
Bailed to appear out of the city,	6
Bailed to appear at Superior Court,	5
Bonded to keep the peace,	2

REPORT OF POLICE DEPARTMENT

7 q

Complaints dismissed,	11
Not guilty,	44
Summons for out of city,	18
Nolle prossed,	39
Taken to almshouse,	1
Taken to hospitals,	2
Insane hospitals,	6
Probably guilty,	63
Guilty of being father of child,	2
	<hr/>
	2354
Paid fines,	335
Appealed,	70
Sentence suspended,	189

REPORT OF INSPECTORS DEPARTMENT.

Property recovered,	\$16,198.86
Arrests,	414
Cases investigated,	4,826
Notices served,	419
Search warrants served,	10

Respectfully submitted,

WALTER ALMOND,

Chief Inspector.

REPORT OF POLICEWOMAN

Investigations —

Dances,	227
Homes,	369
Moving picture shows,	28

Placing out —

Employment for girls,	9
Homes found for girls,	4

Cases referred to welfare organizations, 12

“ “ “ hospitals,	2
“ “ “ clinics,	7

Interviews with parents or guardians, 84

Arrests, 2

Commitments —

to Sherborn	3
State Farm	1
Industrial School for Girls,	2
Taunton State Hospital,	1
House of Good Sheperd, Boston,	2

Respectfully submitted,

MYRTLE E. CODY,

Policewoman.

REPORT OF POLICE DEPARTMENT

MATRON'S REPORT

Prisoners,	153
Insane,	1
Lost children,	4
Abandoned Child,	1

Respectfully submitted,

MRS. SARAH M. BROWNELL,
Matron.

MISCELLANEOUS BUSINESS

Accidents reported,	688
Amount of property stolen in the city,	\$58,824.01
Amount of property recovered,	\$36,325.48
Ambulance calls,	1902
Bicycles found,	13
Buildings found open and secured,	631
Cases investigated,	31969
Dangerous dogs reported,	13
Dangerous wires reported,	6
Dead bodies found,	1
Defective streets and sidewalks,	92
Defective hydrants,	2
Defective water pipes,	1
Disturbances suppressed,	478
Dog notices served,	4
Dogs killed,	37
Fire alarms given,	14
Fires extinguished without alarms,	14
Gas reported leaking,	1
Horses found cast,	6
Horses killed,	2
Hours of extra duty,	3032
Intoxicated persons helped home,	16
Liquor search warrants served,	14
Lost children found and returned,	294
Notices served,	404
Sick and injured persons assisted,	3
Still alarms of fire given,	5
Stray horse picked up,	1
Stray horse put up,	1
Stray teams picked up,	6
Stray teams put up,	5
Street obstructions reported,	29
Street obstructions removed,	6
Tree reported dangerous,	1
Water running to waste,	3

GAMEWELL POLICE SIGNAL SERVICE REPORT

Number of duty calls,	414,317
Number of wagon calls,	847
Number of telephone calls,	48,477
Number of miles run by patrol wagon,	4,146

AMBULANCE CALLS

Number of calls,	1,902
Number of miles run by ambulances,	8,979

PERSONNEL OF THE FORCE.

DEPUTY CHIEF

John C. Parker.

CAPTAINS

Daniel Deneen

Harry D. Stow

Frank W. Sylvia

CHIEF INSPECTOR

Walter Almond

INSPECTORS

James E. Bolton

William T. Cole

William F. Glennon

George R. Lawrence

Albert B. MacKinstry

Hermes Touchette

Joseph S. Manning

John T. McKay

Albert E. Mosher

Raphael Pieraccini

Charles F. Smith

LIEUTENANTS

Narcisse A. Breault

Edward P. Doherty

Thomas Fay

William Fowler

Charles L. McBay

Jeremiah McCarthy

Joseph B. Wing

Samuel D. McLeod

Frank L. Remington

William E. Roscoe

James W. Savage

Chester L. Tripp

Willis C. Underwood

ACTING CLERK

Inspector Albert E. Mosher

SERGEANTS

Harry C. Ellis

Edmund Foley

Arod B. Holloway

William Welsh

Edward A. Hynes

James J. Moore

Daniel P. Sweeney

STENOGRAPHER

P. Bert Taylor

POLICEWOMAN

Myrtle E. Cody

POLICE MATRON

Sarah M. Brownell

ELECTRICIAN

Lewis A. Frost

TELEPHONE OPERATOR

Anna E. Harrington

LINEMAN

Henry Lamy

PATROLMEN :	Age	Years of Service
Aillery, Constant	47	10
Allen, Charles E.	51	16
Almond, William Jr.	47	24
Ashley, Henry T.	42	15
Astley, Maurice	28	3
Barbour, Robert L.	42	10
Bedford, Ellverado	39	3
Belisle, Victor	26	
Berry, James W.	28	3
Blackburn, Hargraves	32	1
Boehler, Max F.	35	6
Bonney, Stephen K.	28	
Bourgeois, Albini	39	3
Breault, Joseph A.	45	6
Brennan, Michael J.	33	3
Briggs, Myron S. A.	45	8
Brightman, Ellery E.	51	13
Brophy, Edward O.	34	8
Burgess, Edward	34	3
Burke, John F.	30	
Butts, Henry	35	12
Carr, Thomas E.	26	
Carroll, Eudore M.	30	
Carroll, James M.	27	
Cash, James	46	8
Caswell, Charles A.	55	14
Chase, Raymond	44	8
Chausse, Onat A.	36	3
Chenel, Albert J.	43	1
Cleary, William E.	41	13
Coombs, Isaac C.	29	1
Cote, Wilfred	25	
Craft, James F.	56	15
Crapo, Albert A. Jr.	42	15
Cushing, William S.	49	15
Dahoney, Thomas	61	29
Daley, Charles F.	55	15
Davies, John W.	32	3
Dean, James	48	10
Deane, Michael J.	30	
DeGrasse, Charles H.	49	3
Doherty, Thomas	44	6
Downey, Daniel	50	14
Downey, John B.	34	6
Downey, Stephen P.	32	1
Downey, William M.	43	8
Dupuis, Patrick H.	34	8
Dupuis, Wilfred H.	40	15
Durant, Lawrence J.	51	17
Earley, Edward C.	52	23
Evans, John	43	8
Fanning, John F.	43	10

REPORT OF POLICE DEPARTMENT

11 q

Faunce, Albert M.	43	2
Fay, John H.	40	13
Fell, Charles	34	6
Fernandes, Joseph A.	33	8
Francis, Antone	40	6
French, Robert E.	26	
Freitas, Manuel	41	10
Fowler, Harry	31	3
Gatenby, James S.	47	10
Gero, Henry P.	30	1
Gibbs, Nathaniel F.	51	17
Gobeil, Joseph	33	3
Gorner, Arthur	36	6
Grant, George P.	43	12
Gregory, William	48	8
Hafford, Stephen, Jr.	63	20
Haggerty, Timothy F.	37	6
Hamersley, Raymond	35	3
Haran, Luke T.	39	10
Harding, James P.	47	12
Harrington, Daniel	53	17
Harrington, Michael J.	25	
Hayden, Abram L.	47	16
Hawes, Harry C.	36	3
Head, Edgar E.	42	12
Hickey, James M.	34	3
Hickey, William B.	37	6
Horton, Eliphalet M.	55	15
Howland, William A. E.	52	23
Howes, Charles M.	34	3
Hutchinson, George R.	39	
Irwin, Henry Jr.	49	10
Ivey, James A.	64	29
Jacobs, Ellsworth C.	44	8
Jenkins, Thomas J.	33	6
Johnson, Harry	42	10
Kane, John A.	32	3
Karcher, Frederick Jr.	59	17
Kelley, Michael J.	36	3
Kinney, William E.	29	3
Lague, Ernest A.	29	1
Landreville, Joseph E. A.	39	1
Leahy, William T.	44	12
Lemaire, Anthony C.	33	3
Lemrise, Albert T.	36	1
Lentz, Joseph A.	35	6
Lowther, George H.	61	23
MacDonald, Hugh J.	29	
MacFarlane, Joseph A.	43	3
Machado, Manuel	31	
Manning, James L.	41	1
Marder, James	29	3
Maynard, John E.	29	3
McCarthy, William H.	34	6
McCrohan, John H.	36	8

McDonald, Daniel J.	57	23
McDonnell, James	51	23
McEnnis, Robert B.	63	25
McGoff, James E.	43	8
McNamee, John J.	33	1
McNulty, Joseph	25	
Messier, Joseph A.	39	1
Miller, John J.	45	12
Mitchell, William	39	12
Moore, James J. Jr.	25	
Mott, Cassius B.	44	3
Muldoon, Patrick J.	26	
Muldoon, Thomas	38	3
Mullins, Enoch	52	10
Murdy, Robert H.	52	15
Murphy, Edward	37	8
Murphy, Francis A.	42	10
Murphy, Lawrence	45	6
Murphy, William S. P.	29	1
Nault, Joseph C.	35	10
Nelson, Ivar V.	36	6
Nickerson, Charles F.	46	19
Nunes, George J.	33	1
Oliver, John F.	55	26
O'Rourke, John J.	28	3
O'Rourke, Thomas	27	3
Patterson, Charles G.	41	12
Phinney, Charles E.	48	12
Perry, Anthony E.	33	3
Place, Joseph A.	56	13
Poirier, David J.	31	3
Pollock, John H.	33	6
Pykosz, Walter	26	
Raymond, Edward	45	12
Reddy, Michael J.	33	3
Reed, George H.	28	1
Reedy, Joseph C.	33	3
Rooks, Albert H.	53	17
Rooks, John C.	62	33
Sanders, Joseph A.	36	8
Schneider, Raoul O.	38	1
Searell, William E.	49	8
Seddon, Thomas Jr.	39	3
Smith, John P., Jr.	29	1
Souza, William H.	49	6
Spooner, Charles A.	33	3
Spooner, John C.	46	17
Stanley, Charles A.	33	3
Staples, Walter C.	47	6
St. Pierre, Joseph E.	26	1
Sullivan, James H.	55	19
Sullivan, John T.	37	3
Sullivan, Matthew	46	12
Sumner, Thomas A.	28	1
Sundin, Carl A.	40	10

Sylvia, Antone F.	47	12
Sylvia, Archie A.	28	1
Sylvia, William T.	34	
Taber, Jeremiah M.	62	24
Tourgeon, Joseph V.	36	10
Valentine, Thomas A.	34	3
Velho, Augustus F.	38	10
Vogel, Robert F.	53	23
Walsh, John P.	32	3
Walsh, William P.	29	3
White, Albert B.	40	12
Wilcox, Seth A.	49	15
Williams, Benjamin F., Jr.	47	12
Williams, Charles H.	45	12
Wilson, George A.	32	3
Winterson, Henry B.	35	6
Woolfenden, Albert	41	10

CHAUFFEURS

Dalbec, Edmond	42	10
Meade, James G.	45	13
Ryan, William M.	52	23

HOUSEKEEPERS

Astley, Thomas	54	13
Dodds, James	66	27
Kenney, Patrick	65	24
Prifogle, Edward	42	8
Sullivan, Timothy	72	44

JANITORS

Allen, Charles G.	71	9
Drew, Moses C.	75	30

LABORER

Atwood, William W.	52	4
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PENSIONED.

Cannavan, Patrick	83
Comstock, Thomas W.	76
Mason, Henry W.	80
Meehan, Daniel	72
Paige, George W.	73
Smith, Andrew J.	76
Taft, Thomas J.	68
Wixon, James A.	79

Patrolmen Detailed on Other Than Patrol Duty :

CHAUFFEURS AND WAGONMEN.

Gibbs, Nathaniel F.
Murdy, Robert H.
Nault, Joseph C.
Nickerson, Charles F.
Patterson, Charles G.
Reedy, Joseph C.
Turgeon, Joseph V.

SPECIAL DETAIL

Butts, Henry
Chase, Raymond
Faunce, Albert M.
Hutchinson, George R.
Jacobs, Ellisworth C.
Mullins, Enoch
Taber, Jeremiah M.

TRAFFIC OFFICERS.

Ashley, Henry T.
Brennan, Michael J.
Brightman, Ellery E.
Chausse, Onat A.
Fanning, John F.
Dupuis, Patrick H.
Haggerty, Timothy F.
Hammersley, Raymond
Hickey, William B.
Howes, Charles M.
Landreville, Joseph E. A.
Miller, John J.
Mitchell, William
Nelson, Ivar V.
Pollock, John H.
Reddy, Michael J.
Stanley, Charles A.
Valentine, Thomas A.
Walsh, William P.
Woolfenden, Albert

MOTOR CYCLE OFFICER

Gorner, Arthur

HARBOR POLICE.

Cushing, William S.
Dupuis, Wilfred H.

EMERGENCY OFFICERS

Place, Joseph A.
Vogel, Robert F.

HEALTH DEPARTMENT.

Dahoney, Thomas
Raymond, Edward

ACTING HOUSEKEEPERS.

Astley, Maurice
Cleary, William E.
Durant, Lawrence J.
Hafford, Stephen Jr.
McDonald, Daniel J.
Murphy, Edward
Rooks, John C.

OFFICERS ON LEAVE OF ABSENCE.

Earley, Edward C.
Fernandes, Joseph A.
Jenkins, Thomas J.
Sundin, Carl A.

RESERVE POLICE

	Date of Appointment
Aque, Leo S.	Oct. 9, 1919
Burgess, John H.	Mar. 28, 1918
Burke, Henry	Oct. 9, 1919
Cox, Owen J.	Mar. 28, 1918
Davis, Albion G.	Mar. 28, 1918
Desjardins, Joseph A. C.	Oct. 9, 1919
Desroaches, Louis H.	Oct. 9, 1919
Doyle, Francis A.	Oct. 9, 1919
Gilman, Joseph C.	Oct. 9, 1919
Goldrick, James F.	Mar. 28, 1918
Gomes, Michael R.	Oct. 9, 1919
Haran, John F.	June 12, 1918
Hollingsworth, George	Mar. 28, 1918
Koutroumpis, George J.	Oct. 9, 1919
Lapierre, William A.	Oct. 9, 1919
Law, Jesse Jr.	Mar. 28, 1918
Lemrise, Emile A.	Oct. 9, 1919
Lussier, Peter	Mar. 28, 1918
Manchester, Charles A.	Oct. 9, 1919
McLeod, Andrew F.	Oct. 9, 1919
Melia, Michael J.	Oct. 9, 1919
Millette, Frank	Oct. 9, 1919
Moor, Hugh J.	Oct. 9, 1919
Normandin, Peter N.	Mar. 28, 1918
O'Donnell, William F.	Mar. 28, 1918
O'Rourke, Joseph,	Oct. 9, 1919
Pierce, Orrin F.	Mar. 28, 1918
Quintin, Oscar R.	Oct. 9, 1919
Riley, William Jr.	Oct. 9, 1919
Roberts, Charles F.	Oct. 9, 1919

Seddon, Edward	Oct. 9, 1919
Sherman, George A.	Dec. 26, 1918
Simpkins, David	Oct. 9, 1919
Smith, Herbert	Oct. 9, 1919
Sweeney, James P.	Mar. 28, 1918
Upham, John H.	Oct. 9, 1919
Williams, John O.	Mar. 28, 1918

APPOINTMENTS.

On February 4th the following named person was appointed a Permanent Policewoman in the police department of the city of New Bedford, in accordance with the Civil Service Rules, viz:

Myrtle E. Cody.

On August 6th the following named persons, members of the Reserve Police Force, were appointed Regular Police Officers of the City of New Bedford, viz:

Victor Belisle	Michael J. Deane
Stephen K. Bonney	Michael J. Harrington
John F. Burke	Manuel Machado
James M. Carroll	Patrick J. Muldoon
Wilfred Cote	Walter Pykosz

William T. Sylvia.

On September 25th the following named persons, members of the Reserve Police Force, were appointed regular Police Officers of the City of New Bedford, viz:

Eudore M. Carroll James McDonnell

On October 9th the following named persons, members of the Reserve Police Force, were appointed Regular Police Officers of the City of New Bedford, viz:

Thomas E. Carr	Hugh J. MacDonald
Robert E. French	James J. Moore, Jr.

Joseph McNulty

On October 9th the following named persons were appointed members of the Reserve Police Force, in accordance with the Civil Service Rules, viz:

Leo S. Aque	Andrew F. McLeod
Henry Burke	Michael J. Melia
Joseph A. C. Desjardins	Frank Mellette
Louis H. Desroches	Hugh J. Moore
Francis A. Doyle	Joseph O'Rourke
Joseph C. Gilman	Oscar R. Quintin
Michael R. Gomes	William Riley, Jr.
George J. Koutroumpis	Charles F. Roberts
William A. Lapierre	Edward Seddon
Emile A. Lemrise	David A. Simpkins
Charles A. Manchester	Herbert Smith

John H. Upham

SUSPENDED.

On August 15th Patrolman Harry Johnson, was suspended for a period of fifteen days without pay, for neglect of duty.

In Memoriam

HOUSEKEEPER, GEORGE H. CLOUGH,

Died May 6, 1919

Age 72 years, 8 months, 29 days.

DEPARTMENT.

This department is very well equipped at the present time. We have two Auto Ambulances, one Auto Patrol Wagon, one seven passenger Touring Car, one five passenger Touring Car and Two Motor Cycles.

I would respectfully recommend that a new site be purchased, and a new Police Station be built, somewhere in the vicinity of Sawyer Street and Acushnet Avenue, (on a side street) this station to be number five.

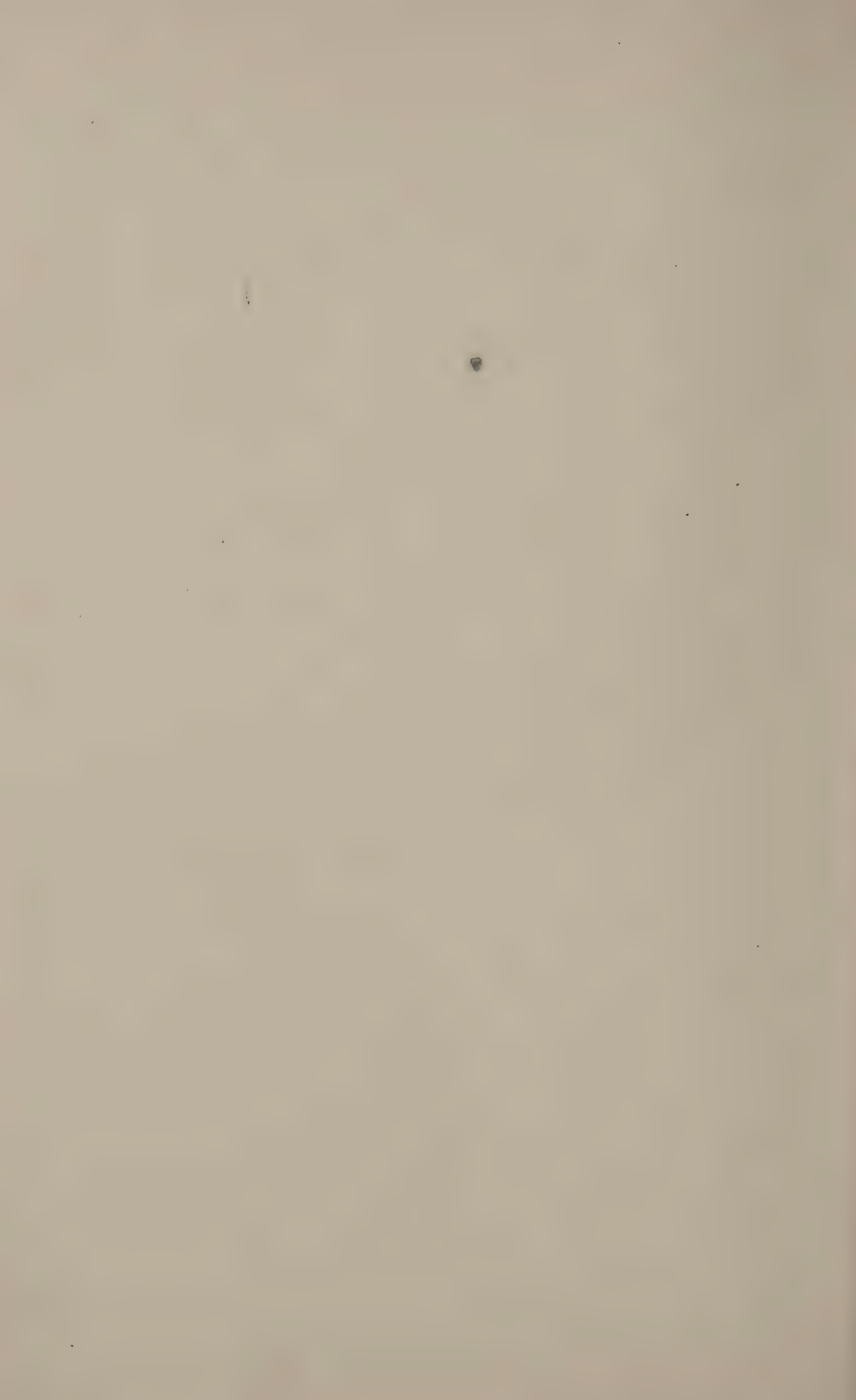
Old Police Station No. 5, has outlived its usefulness and is in a wrong location.

In conclusion I desire to thank His Honor, Mayor Charles S. Ashley, and members of the City Government, for the assistance given and courtesy shown me during the past year.

I also thank the officers and members of the Police Department who have co-operated with me during the past year in upholding and maintaining the good name of our city.

Respectfully submitted,

JOHN C. PARKER,
Acting Chief of Police.



ANNUAL REPORT

of the

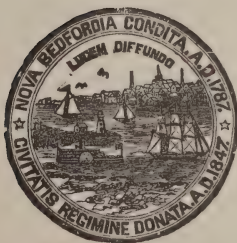
BOARD OF OVERSEERS

OF THE POOR

of the

CITY OF NEW BEDFORD

For the year 1919



MERCURY PUBLISHING COMPANY
NEW BEDFORD, MASS.
1920

MEMBERS OF THE BOARD.

KOPEL COHEN, .

EDWARD DeMELLO,

A. DENNIS PERREAULT.

STAFF.

KOPEL COHEN,

Chairman.

CHARLES A. POIRIER,

Secretary.

ANTONE H. SENNA,

Visitor and Portuguese Interpreter.

JOSEPH A. DESJARDINS,

Clerk and French Interpreter.

RAYMOND HALLIWELL,

Visitor.

CHARLES A. McAVOY,

Visitor.

M. CATHERINE ROGERS,

Stenographer.

ESTHER G. FRANCIS,

Stenographer.

SADYE COHEN,

Provisional Clerk.

THOMAS F. BROWN,

Superintendent of Almshouse.

KATHERINE E. BROWN,

Matron of Almshouse.

PHYSICIANS.

LOUIS A. PERRAS,

NORBERT R. BRAULT,

LOUIS J. POBIRS,

G. GIRDWOOD PEARCE,

ANTHONY J. RODERICK,

CHARLES A. B. PETERSON.

REV. CHARLES S. THURBER,

Chaplain at Almshouse.

OFFICE OF THE OVERSEERS OF THE POOR.

Municipal Building, New Bedford,

April 14th, 1920.

*To His Honor the Mayor, Board of Aldermen, and Members
of the City Council:*

GENTLEMEN :—The Overseers of the Poor of the City of New Bedford respectfully submit their annual departmental report, covering the fiscal year December 1, 1918-November 30, 1919.

In these times of general prosperity, when industrial conditions are everywhere so favorable and give promise of still greater prosperity to come, it seems almost paradoxical to report an increase in the expenditures of the charity department. However, it is a fact that in spite of the decrease in the number of applications for support, yet the expenses as applied to the conduct of the Poor Department have considerably increased, owing to the abnormally high prices prevailing generally for all supplies which this department is called upon to deal in.

For instance, where the aid allotted to families in years past consisted in grocery orders amounting to three or four dollars, today orders for ten and twelve dollars are the rule. The price of shoes and fuel has amounted correspondingly, and there is no need to expatiate very lengthily on the cost of everything else connected with the administration of this department of the city government. The fact is that our dollar today will purchase about one-third only of what it could procure a year or two ago.

These existing conditions readily explain the necessity of expending more money to relieve the poor of the city, despite the decreasing number of applicants appealing for charity.

MOTHERS' AID LAW.

(Chapter 763, Acts of 1913.)

The principal cause, however, of the considerable jump in the expenditures of the Poor Department appears to be the Mothers' Aid law. This law provides for the adequate maintenance of destitute mothers with dependent children, and each year there is a considerable number of new cases taken on whose care and welfare this Board is called upon to attend to through the funds appropriated for this purpose.

This law, enacted in 1913, has behind it the most humanitarian motives and its object is to operate effectively to the mental and physical benefit of the family, and, eventually, to the good of the State. Its operation, however, involves considerable expense in that, unlike the Temporary Aid law, it allows adequate maintenance for the mother and her dependent children who may be very young at the time they are first aided under its provisions.

Although it is true that the State allows a partial reimbursement for the money expended in connection with the working of the act, yet it must be admitted that it is a very expensive piece of legislation, and no blame whatever can be placed upon the Overseers of the Poor of the Commonwealth for the constantly increasing expenses involved in its operation.

Almshouse Department.

Regarding the increases in expenses connected with the City Almshouse, the Overseers are desirous of calling attention to the fact that improvements and supplies now-a-days must equally be paid for according to the prevailing scale of high prices.

A new departure in the delivery of fuel orders has been introduced this year by removing to the yards of the city almshouse the fuel supply formerly kept at the City yards. We are effecting a considerable saving in distributing the fuel orders by means of our own trucks, purchased for the purpose, and the work is giving general satisfaction.

In last year's report recommendations were respectfully submitted as to the necessity of erecting a silo on the city farm. We are pleased to report that this matter has been attended to during the past year and the city farm today can boast of one of the most modern silos whose utility and convenience add considerably to the production of the farm.

The appended tables give full particulars as to the amount expended for each division.

Respectfully submitted,

KOPEL COHEN, Chairman,
EDWARD DeMELLO,
A. DENNIS PERREAULT.

CHARLES A. POIRIER, Secretary.

CASES AIDED IN 1919.

Number settled in New Bedford,	1,547
Number of State cases,	567
Number settled in Cities and Towns,	84
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Total cases,	2,198
Total persons aided in 1919,	5,963

Hospital Cases.

Paupers given hospital treatment other
than in our Almshouse Wards:

Number of State paupers,	178
Number of City and Town paupers,	27
Number of New Bedford paupers,	314
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Total Hospital Cases,	519	
Amount paid local hospitals in 1919,		\$15,420.98

Board of Health.

Number of histories procured and settle- ment determined by this department for Board of Health,	240
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Burials.

Number of persons buried by this depart-
ment as follows:—

State paupers,	43
Settled in New Bedford,	78
Settled in other Cities and Towns,	4
<hr/>	

Total persons,	125	
Cost of burials,		\$1,721.00

Transportation of Paupers.

Number of persons sent to State Farm and Tewksbury,	49
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New Bedford Paupers Aided Elsewhere.

New Bedford paupers aided elsewhere and billed to New Bedford,	82
Amount paid out to cities and towns during 1919,	\$3,801.32

Children in Institutions, Etc.

Number of pauper children settled in New Bedford, boarded in families,	72
Number of pauper children settled in New Bedford, aided in institutions,	23
Number of pauper children (State cases),	3
	<hr/>
	98

Mothers' Aid Law.

Chapter 763, Acts of 1913.

Number of families aided in 1919,	199	
Number of widows aided in 1919,	169	
Number of deserted mothers,	12	
Number of mothers with husbands in institutions,	17	
Number of divorced mothers,	1	
Amount expended for Mothers' Aid,		\$70,424.00
Average cost of aid to each family during year,		353.89
Average total weekly,		1,354.31
	Cases	Persons
Number of New Bedford cases,	163	861
Number of State cases,	30	135
Number of Cities and Towns cases,	6	25
	<hr/>	<hr/>
Total number of cases and persons,	199	1,021

Reports of the Physicians to the Board of Overseers of the Poor.

For Fiscal Year Beginning Dec. 1, 1918 to Nov. 30, 1919
Covering Mothers' Aid and Temporary Aid Cases.

	House Visits	Office Calls	Births	Deaths	Almshouse	Operations
Dr. N. R. Brault,	277	449	5	8	2	..
Dr. L. A. Perras,	152	194	6	45	261	..
Dr. G. G. Pearce,	366	253	10	3	2	..
Dr. L. J. Pobirs,	418	167	6	..	..	..
Dr. C. A. B. Peterson,	19	370	..	..	..	38
Dr. A. J. Roderick,	170	172	2	2	..	..
	<hr/> 1402	<hr/> 1605	<hr/> 29	<hr/> 58	<hr/> 265	<hr/> 38

The rate per visit of doctors to all cases outside of Almshouse has been computed to be one dollar and eleven cents (\$1.11).

Almshouse Register.

For the Year Ending Nov. 30, 1919.

MONTH	ADMITTED	DISCHARGED	REMAINING
December, 1918,	24	20	201
January, 1919,	20	29	193
February, 1919,	22	19	196
March, 1919,	15	25	186
April, 1919,	20	29	176
May, 1919,	14	17	173
June, 1919,	10	20	163
July, 1919,	18	7	174
August, 1919,	17	13	178
September, 1919,	5	17	166
October, 1919,	14	13	167
November, 1919,	18	17	168

Totals,	197	226	
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Number of inmates remaining Nov. 30, 1918,	197
Number of inmates admitted in 1919,	197
Number of inmates discharged in 1919,	226
Number of inmates remaining Nov. 30, 1919,	168
Average number of inmates monthly,	178
Number of inmates settled in cities and towns,	3
Number of inmates (State cases),	18
Number of inmates settled in New Bedford,	373
Total number of cases aided in 1919,	394
Per capita cost of each inmate weekly,	\$6.34

Products of City Farm 1919.

Potatoes,	1,376 bushels
Onions,	120 bushels
Squash,	2,000 pounds
Turnips,	160 bushels
Carrots,	35 bushels
Cabbage,	11,000 heads
Sweet Corn,	2½ acres
Peas,	20 bushels
String Beans,	15 bushels
Lettuce,	1,400 heads
Musk Melons,	15 bushels
Radishes,	16 dozen bunches
Rareripes,	1,540 dozen bunches
Table Beets,	14,480 pounds
Spinach,	50 bushels
Celery,	3,000 plants
Hay,	85 tons
Rye,	14 tons
Ensilage,	90 tons
Y. E. Beans,	75 bushels
Cucumbers,	60 dozen
Milk,	36,210 quarts
Eggs,	650 dozen
Pigs,	80
Calves,	6

Financial Statement.

Dr.

To amount of appropriation,		\$200,000.00
Received from State (Temporary Aid),	\$12,822.73	
Received from State (Burials)	2,198.00	
Received from State (Transportation),	14.26	
Received from State (Sick Poor),	8,129.90	
Received from State (Mothers' Aid),	27,169.63	50,334.52
Received from Cities and Towns,		4,224.85
Received from Individuals,		2,596.73
Received from Sale of Produce,		2,496.15
Received from Board of Health and Soldiers' Relief (transfers),		2,519.79
		<hr/>
		\$262,172.04

Detailed Expenditures for Outside Relief During Fiscal Year December, 1918, to November 30, 1919.

	TOTAL AMOUNT	ADMINISTRATION										MOTHERS' AID. (Chap. 763, Acts 1913.)											
		SALARIES			Stationery and Printing	Office and Travelling Expenses	Shoes	Medicine	City Treasurer	Groceries	Fuel	Rent	Transportation	Hospital Charges	Burials	Board Outside Almshouse	State Institutions	Cities and Towns	Miscellaneous	Cash	Fuel	Merchandise	Medicine and Hospital
		Overseers	Physicians	Office Clerks																			
1918		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Jan	11,727.61	75.00	298.67	981.10	48.00	83.60	220.50	192.60	1,713.91	3,373.00	1,781.77	13.00	8.00	1,395.64	183.00	360.17	6.34	1,018.06	58.48	5,488.50	87.50	256.37	86.00
Feb	15,795.98	75.00	291.67	784.88	51.15	70.14	160.25	218.30	1,786.75	3,342.00	327.92	34.00		2,571.85	159.00	237.74		124.08	62.09	5,080.00	104.86	206.50	71.80
Mar	15,290.17	75.00	291.67	796.04	81.59	28.33	139.50	208.64	2,181.75	3,774.50	240.13	26.00	55.00	566.50	229.00	187.64	249.72	83.30	12.50	5,631.50	74.75	239.96	87.15
Apr	15,584.45	75.00	216.67	1,050.50	110.17	158.90	247.50	179.80	2,084.83	3,734.00	174.05	18.50	606.00	1,054.75	289.00	162.59	192.89	36.00	28.59	5,723.00	114.95	306.21	79.75
May	19,564.47	99.99	291.67	857.52	1.95	125.33	160.40	174.23	2,353.75	3,367.50	324.87	31.00	6.00	1,522.75	101.00	388.08		1,045.69	42.88	5,679.50	70.09	283.55	86.60
June	15,118.88	99.99	291.67	846.32	8.36	64.40	125.85	275.92	2,341.50	4,081.50	24.30	6.00	85.59	1,272.50	68.00	203.34	499.99	85.00	6.50	5,577.05	57.46	143.75	64.68
July	15,615.33	99.99	291.67	1,074.00		113.22	28.50	135.22	2,014.00	2,588.50	1,596.22	24.75	12.00	1,849.79	64.00	199.27		708.75	1.00	5,593.50	83.30	106.00	31.75
Aug	15,413.75	99.99	291.67	881.52	108.93	119.21	56.25	149.77	2,115.25	2,673.00	1,411.89	21.00		1,015.50	188.00	240.40	27.43	293.62	60.11	5,482.50	66.12	85.00	66.59
Sept.	14,347.38	99.99	291.67	859.82	14.64	120.92	193.00	133.05	2,108.50	2,666.25	157.89	33.75		1,277.20	109.00	285.37	389.71		5,025.50	77.40	439.82	64.40	
Oct	19,445.50	99.99	291.67	1,070.50		47.21	121.75	153.67	2,000.25	2,292.00	108.81	22.00	43.00	995.50	70.00	225.66	52.57	120.82	38.15	5,196.50	93.80	228.25	172.40
Nov	14,465.21	124.98	250.00	913.92	84.35	64.12	178.85	128.52	2,155.25	2,589.50	217.82	34.50		1,012.25	201.00	312.81		325.33	18.00	5,323.00	138.76	263.50	129.15
	\$81,889.77	\$1,099.92	\$3,368.37	\$10,902.10	\$560.09	\$1,049.98	\$1,763.75	\$2,092.75	\$24,453.74	\$38,104.25	\$6,595.98	\$277.00	\$815.50	\$15,420.96	\$1,731.00	\$3,231.80	\$1,758.90	\$3,801.32	\$393.25	\$55,457.56	\$1,034.92	\$2,783.61	\$1,147.91

Detailed Expenditures for the Almshouse During Fiscal Year December, 1918, to November 30, 1919.

1918 Dec. 1919	TOTAL AMOUNT	ADMINISTRATION						Shoes and Findings	Medicine	Meats and Fish	Groceries	Ice	Tobacco	Miscellaneous Supplies	Transportation	Fuel and Light	Hardware and Tools	Paints, Oils and Glass	Lumber	Grain, Corn and Flour	Wagons, Autos, Harnesses, Blacksmithing	Furniture and Furnishings	Repairs to Building and Fixtures	Miscellaneous
		SALARIES			Stationery and Printing	Telephone and Other Expenses	Clothing and Dry Goods																	
		Superintendent and Matron	Physician	Pay Rolls																				
Jan.	\$ 5,232.56	\$ 160.00	\$ 75.00	\$ 1,247.25	\$12.85	\$ 7.64	\$ 87.95	\$ 75.75	\$ 160.63	\$ 834.59	\$ 989.73													
Feb.	5,428.74	200.00	50.00	1,589.50	2.90	13.00	174.75	35.55	61.10	1,177.89	623.57	4.40	49.50	163.23	5.00	516.72	15.55	24.24	2.65	339.00	30.84	31.59	317.76	
Mar.	5,947.45	160.00	50.00	1,332.14	18.00	6.02	131.41	46.94	241.88	812.83	829.85			887.89		757.00	20.44	28.60	139.05	347.69		15.40	585.52	\$7.40
Apr.	5,194.79	162.00	50.00	1,330.96		17.16	392.63	49.75	140.47	763.07	677.82			489.80	2.25	129.98	20.08	37.43	96.60	335.16	98.30	10.66	217.49	202.63
May	4,984.96	210.00	50.00	1,791.00		8.49	109.50	47.94	24.35	871.85	673.01			12.18		92.89	51.85	51.38	4.59	345.50	49.03		173.20	116.90
June	5,217.22	168.00	50.00	1,463.00	10.00	34.73	88.56	104.57	291.60	799.31	1,012.85	36.30	30.80	276.12		378.00	32.28	8.98	35.05	268.20	38.70	144.82	39.75	5.00
July	5,277.59	168.00	50.00	1,477.25		19.70	238.86	136.00	61.95	843.90	989.20	75.00	125.40	286.54		27.05	20.21	35.53	3.40	363.60	16.30	124.14	117.92	187.14
Aug.	5,166.04	210.00	50.00	1,814.35		35.90	132.40	6.35	19.00	745.32	813.23	94.80	29.70	407.05	1.49	36.23	35.18	41.88	42.57	350.20	48.98		118.01	78.40
Sept.	5,528.47	168.00	50.00	1,443.25	4.50	8.05	117.41	44.90	284.73	765.88	944.67	120.00		780.83		37.99	41.35	16.89	87.97	180.00	16.56	67.93	178.91	1,179.00
Oct.	4,982.63	168.00	50.00	1,330.00		12.97	73.75	86.20		775.06	909.76			107.50		137.00	14.85	12.56	10.46	633.74	37.18		59.76	84.80
Nov.	5,964.00	230.00	50.00	1,973.29		40.48	87.78	14.05	84.65	786.27	712.88	96.00	105.80	201.54	28.07	255.95	3.56	10.90	24.07	423.60	19.73		66.51	1,762.87
	5,812.22	184.00	50.00	1,698.40		63.66	106.96	5.00	56.20	714.20	1,439.01	148.80	73.10	388.63		487.67	79.86	17.82	38.15	578.00	40.89	6.84	45.63	3,900.40
	\$70,296.08	\$2,188.00	\$225.00	\$18,697.39	\$48.25	\$267.80	\$1,710.96	\$552.70	\$1,425.56	\$9,890.12	\$10,565.08	\$575.90	\$672.90	\$3,690.33	\$42.53	\$3,326.75	\$356.15	\$330.76	\$559.35	\$4,480.84	\$433.06	\$469.56	\$1,932.03	\$7,434.04

EXPENDITURES DURING FISCAL YEAR

DEC. 1918 — NOV. 30, 1919.

	Outside Relief and Hospitals	Mothers' Aid	Almshouse	Totals
Dec. 1918	\$8,969.64	\$6,255.30	\$5,232.56	\$20,457.50
Jan. 1919	11,809.24	5,918.37	5,428.74	23,156.35
Feb. 1919	10,296.82	5,463.16	5,947.46	21,707.44
Mar. 1919	9,226.81	6,033.36	5,194.79	20,454.96
Apr. 1919	10,370.14	6,223.91	4,684.36	21,278.41
May 1919	10,894.76	6,069.71	5,217.22	22,181.69
June 1919	10,276.93	5,842.95	5,277.59	21,397.47
July 1919	10,801.78	5,814.55	5,106.04	21,722.37
Aug. 1919	9,663.54	5,650.21	6,528.47	21,842.22
Sept. 1919	8,740.76	5,607.12	4,982.63	19,330.51
Oct. 1919	7,754.55	5,690.95	6,984.00	20,429.50
Nov. 1919	8,610.80	5,854.41	9,812.22	24,277.43
	\$117,415.77	\$70,424.00	\$70,396.08	\$258,235.85

ANNUAL REPORT

Overseers of the Poor for the Year 1919.

IN BOARD OF ALDERMEN,

April 22, 1920.

Received, ordered printed in City Documents and sent
down for concurrence.

W. H. B. REMINGTON,

City Clerk.

IN COMMON COUNCIL,

April 22, 1920.

Concurred.

HAROLD WINSLOW,

Clerk.

ANNUAL REPORT

OF THE

Sealer of Weights and Measures

OF THE

CITY OF NEW BEDFORD, MASS.

FOR THE YEAR 1919



NEW BEDFORD
THE A. E. COFFIN PRESS — COFFIN BUILDING
1920

REPORT OF SEALER OF WEIGHTS AND MEASURES

March 8, 1920.

To His Honor, the Mayor, and Members of the City Government:

GENTLEMEN :

I hereby submit to you my annual report of the Department of Weights and Measures for the financial year ending November 30, 1919, enclosing a tabulated report of the work performed and the inspections made during the fiscal year.

As the report shows, the work of this department has increased over preceding years and for the first time we are able to say that the sealing in the city was finished by the end of the year. There was also a large increase in the amount of inspection work. Our efforts in this direction have been constant. We have visited all parts of the city at all times of the day and night, Sundays and holidays included, and there is no section of the city that has not been inspected.

It is, of course, impossible, with the force at our command, to be on the watch and to note every infraction of the law at all times, but we have earnestly endeavored to secure for the public a greater degree of protection than they have ever had before. It is hard for us to estimate the value of our work in dollars and cents, but when we stop to consider the amount of money spent in this city every week we venture to say that whatever money has been expended on the department the public has secured full value for all it has cost.

I would like to suggest to the city government and the other departments a greater degree of co-operation, especially the police department. It is manifestly impossible for the sealer and deputy sealers to cover every section of the city, but the patrolman on his beat could co-operate with us by forwarding to us any complaint which he may receive as to short weight and measure. There have been one or two police officers who have done this in the past year, and to them we express our appreciation, but there is not the degree of co-operation by the police department that we would wish to have. If we work together for the common good in this direction, I think our efforts will be appreciated by the public, and they will benefit accordingly.

We have been able to make a new departure this year by keeping the office open all day, when the clerk or one of the deputy sealers has been here and we have been able, in this regard, to give the public far better service than ever before. This has been evidenced by the great amount of work that has come into the office and shows the wisdom of having someone in the office all the time.

We are still handicapped by lack of transportation facilities. The horse and wagon, which is hired, is an anomaly in these modern times. As you are aware, this is a long narrow city. There are stores on the line at Sassaquin and there are also stores at the other end of the city, at Fort Rodman. Mills are also spread all along the water front. With one call coming from the south part of the city and another from the north, it takes nearly all day to do the two jobs, using a horse and wagon.

This department has, during the past year, taken over the issuance of state licenses. This is work which rightly belonged in this department and, although entailing extra work, the clerk has efficiently handled it, and the work has gone on very smoothly, bringing a revenue to the city.

I desire to state that I am only expressing the opinion of the state department when I say that New Bedford has one

of the best departments, as regards equipment, in the state. I wish to express my gratitude to the merchants of the city, who we found, were invariably anxious and willing to comply with the law. In this respect New Bedford is very fortunate.

A word of praise is due the deputy sealers and clerk in the office for the assistance which has been given me during the year. All have given loyal and efficient service and at all times have been willing to co-operate with me to the extent of working any hours for the purpose of giving the public a greater degree of protection.

Respectfully submitted,

JOHN HOBIN,
Sealer of Weights and Measures.

WORK PERFORMED.

	Adjusted	Sealed	Non-Sealed	Condemned
Platform scales over 5000 lbs.	6	67	4	1
Platform scales 100 to 5000 lbs.	204	1044	78	58
Beam scales.....	63	203	12	27
Counter scales.....	82	503	14	18
Spring scales	331	1432	31	167
Computing scales (counter) ..	81	705	10	34
Computing scales (hanging) ..	12	95	2	10
Jewelers' scales.....	6	18	5	11
Personal weighing scales.....	6	117	...	31
Prescription scales.....	15	73	3	22
Avoirdupois weights.....	223	6090	...	80
Apothecary.....	168	725	...	231
Metric.....	98	618	...	104
Troy.....	62	197	...	82
Karat.....	1	108	...	...
Gasoline and oil devices.....	71	179	12	42
Molasses measuring devices ..	...	14	25	34
Dry measures.....	...	205	...	9
Liquid measures.....	122	1325	...	266
Ice cream cans.....	313	2621	...	50
Baskets.....	...	322	...	2
Steel tapes.....	...	8	...	...
Yard sticks.....	...	436	...	54
Computing measuring devices	...	5	...	...
Totals	1864	17,110	196	1333

TEST WEIGHINGS AND MEASUREMENTS.

	No. Tested	Correct	Under	Over
Coke (in paper bags).....	12	8	4	...
Kindling wood (in paper bags)	31	18	13	...
Coal (in paper bags).....	65	56	9	...
Coal (in transit).....	12	1	2	9
Wood (cord).....	3	3	...	...
Ice.....	11	9	1	1
Hay	4	...	4	...
Grain and feed.....	11	...	11	...
Flour.....	168	65	57	46
Butter.....	177	131	40	6
Dry commodities.....	320	182	116	22
Fruits and vegetables	58	24	20	14
Meats and provisions.....	133	60	70	3
Bread.....	643	117	404	122
Confectionery.....	28	4	21	3
Gasoline.....	4	...	4	...
Margarine.....	18	18	...	...
Mass. bottles.....	286	284	...	2
Berry Baskets	2740	2683	42	15
	<hr/> 4725	<hr/> 3663	<hr/> 818	<hr/> 243

SUMMARY OF INSPECTIONS

In stores.....	463
Pedlers' licenses.....	87
Milk wagons.....	17
Coal certificates.....	17
Marking of food packages.....	750
Itinerant vendors.....	2
Pedlers' scales.....	58
Ice scales.....	29
Junk scales.....	13
Wood in loads.....	8
Bakeries.....	53
Milk bottles.....	933
Totals.....	2430

TESTS

Ice cream boxes.....	48
Gasoline devices.....	4
Berry baskets.....	2958
Mfgs.' sealed bottles.....	286
Bottles, etc.....	58
Miscellaneous tests.....	24
Totals.....	3378

COURT CASES

Number of court cases.....	19
Number guilty.....	19
Cases filed.....	6
Amount of fines imposed.....	\$235.00

FINANCIAL STATEMENT

Appropriation by City Treasurer.....	\$7,000.00
Total expenditures.....	6,961.75
Unexpended balance.....	88.25

Expenses for year	6,961.75
Sealing fees for year.....	1,263.42

NET COST FOR YEAR..... \$5,698.33

Licenses issued—State.....	5	\$203.75
County	15	71.25
Special city.....	7	187.25
Total.....		\$462.25

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

March 11, 1920.

Received, ordered printed in City Documents for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

March 11, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

ANNUAL REPORT
OF THE
SCHOOL COMMITTEE
AND
SUPERINTENDENT OF SCHOOLS
OF THE
CITY OF NEW BEDFORD

For the Year 1919

NEW BEDFORD:
NEW BEDFORD PRINTING CO., PRINTERS
1920

IN SCHOOL COMMITTEE.

DECEMBER 26, 1919.

Voted, That the Secretary prepare the Annual Report of the School Board for the year 1919, which shall include the reports and recommendations of the Superintendent and his subordinates, and that 1200 copies of the same be printed.

The following report for the year 1919 is respectfully submitted:

Report of the School Committee.

STATISTICS.

1. POPULATON AND VALUATION.

The population of the city (census of 1890) was	40,705
The population of the city (census of 1895) was	55,251
The population of the city (census of 1900) was	62,442
The population of the city (census of 1905) was	74,321
The population of the city (census of 1910) was	96,652
The population of the city (census of 1915) was	109,462
Valuation of the taxable property (1918) was	\$131,827,138.00
School houses and lots,	2,795,355.00
Other school property,	242,497.49

II. APPROPRIATION.

Rate of taxation,	\$27.20
Amount for school purposes not including new buildings,	710,000.00

III. SCHOOL CENSUS.

Number of children between five and sixteen years of age, and illiterates between sixteen and twenty-one years of age, reported by the census enumerators, in accordance with the census record taken April 1, 1919:

Between 5 and 7 yrs.	3,416
Between 7 and 14 yrs.	14,747
Between 14 and 16 yrs.	4,025
Between 16 and 21 yrs. (illiterates)	1,453

IV. SCHOOL ORGANIZATION, June 27, 1919.

High school,	1
Grammar schools,	6
Mixed schools—Grammar, Primary and Ungraded,	8
Primary schools,	16
Suburban schools,	2
Fresh Air schools,	3
Orthopaedic school,	1
Conservation of Eyesight schools,	2
Cooking schools,	3
Manual Training schools,	4
	<hr/> 46

V. SCHOOL BUILDINGS, June 27, 1919.

Permanent schoolhouses,	35
Portable schoolhouses,	20
	<hr/> 55

VI. TEACHERS AND PRINCIPALS.

Whole Number in Service, January, 1920.

High school: 48 teachers, 1 clerk,	49
Elementary schools,	390
Special teachers and assistants,	24
School nurses,	4
Evening High school,	15
Evening Elementary schools,	61
Mill Classes,	1
	<hr/> 544

PUBLIC SCHOOLS.

	1918	1919		
Enrollment of pupils,	15,836	15,827	decrease	9
Average membership,	13,997	14,312	increase	315
Average daily attendance,	13,452	13,133	decrease	319
Aggregate attendance,	2,720,157	2,585,518	decrease	134,639

PRIVATE AND PAROCHIAL SCHOOLS.

	1918	1919		
Enrollment of pupils,	4,262	4,327	increase	65
Average membership,	4,020	6,085	increase	2,065
Average daily attendance,	3,805	6,142	increase	2,337
Aggregate attendance,	804,854	718,494	decrease	86,360

PUBLIC, PRIVATE AND PAROCHIAL SCHOOLS.

	1918	1919		
Enrollment of pupils,	20,098	20,154	increase	56
Average membership,	18,017	20,397	increase	2,380
Average daily attendance,	17,257	19,275	increase	2,018
Aggregate attendance,	3,525,011	3,304,012	decrease	220,999

TABLE 1.

The cost of instruction per scholar is based on the average number belonging and the total amount expended for the maintenance of each department, not including the expenditures from the Sylvia Ann Howland Educational Fund or Dog Fund, during the year.

High school,	\$122.59
Elementary schools,	44.10
Evening Elementary schools,	10.75
Evening High school,	20.41
Day school	48.94

RECEIPTS AND EXPENDITURES.

1918-1919.

Summary.

Total appropriations, general and subsequent,	\$733,289.77
Total expenditures,	726,833.39
Balances unexpended,	\$6,456.38

RECEIPTS—APPROPRIATIONS FROM CITY COUNCIL.

Teachers' Salaries—		
General,	\$518,000.00	
Subsequent,	41,092.51	
		\$559,092.51
Incidentals—		
General,	\$138,000.00	
Subsequent,	10,758.82	
		\$148,758.82
Repairs—		
General,	\$13,000.00	
Subsequent,	1,096.48	
		\$14,096.48
Playgrounds,		\$3,000.00
Sarah D. Ottiwell School furnishings, forward from 1918,		\$3,341.96
Community Centers,		\$5,000.00
		\$733,289.77

EXPENDITURES—MONEY RAISED BY TAXATION.

For teachers' salaries:	
Day schools,	\$546,046.01
Evening schools,	12,199.00
Summer schools,	847.50
	\$559,092.51
For incidentals:	
Salaries: Superintendent and Secretary,	
Assistant Superintendent, Grade Supervisor, Inspector School Property, Department Mechanic, Clerks, Attendance Officers and Janitors,	\$77,062.16
Books and supplies,	19,877.26
Janitors' supplies,	3,278.08
Engine room, High School,	250.90
Fuel,	32,224.17
Lighting,	2,614.21
Water rates,	3,477.12
Printing and advertising,	1,693.83
Freight and carting,	543.40
Transportation,	1,751.00
Cooking school,	936.53
Manual Training school,	810.31
Bristol County Training school,	609.94
Office,	572.15
Miscellaneous expenses (furniture, telephones, etc.),	3,057.76
	\$148,758.82

For repairs of buildings,	14,096.48
Playgrounds,	2,897.08
Special appropriation:	
Sarah D. Ottiwell school furnishings,	1,509.86
Community Centers,	478.64
Total,	<u>\$726,833.39</u>

Balances Unexpended.

Transferred to unappropriated funds,	\$102.92
Special appropriations carried forward to 1919,	6,353.46
Total,	<u>\$6,456.38</u>

Receipts from other sources, paid to City Treasurer and credited to unappropriated funds:

For tuition non-resident pupils,	\$5,358.63
For tuition State Charity pupils,	354.00
Reimbursement from Mass. Commission for the Blind,	1,000.00
For sale of books and supplies,	146.85
For discarded books, old furniture, junk, etc.,	370.71
	<u>\$7,230.19</u>

INCOME FROM TRUST FUNDS, ETC.

S. A. Howland Educational Fund,	\$3,480.98
Jonathan Bourne Prize Fund,	82.50
Dog Fund,	3,203.67
	<u>\$6,767.15</u>

1919.

SYLVIA ANN HOWLAND EDUCATIONAL FUND.

Balance of income on hand, Dec. 1, 1918,	\$1,011.05
Income during year,	2,469.93
	<u>\$3,480.98</u>
Expenditures for the year,	3,438.26
Balance, Dec. 1, 1919,	<u>\$42.72</u>

1919.

JONATHAN BOURNE PRIZE FUND.

Balance of income on hand Dec. 1, 1918,	\$22.50
Interest for the year,	60.00
	<u>\$82.50</u>
Expenditures for prizes,	60.00
Balance, Dec. 1, 1919,	<u>\$22.50</u>

1919.

DOG FUND.

Balance, Dec. 1, 1918,	\$478.57
Income, 1919,	2,725.10
	<u>\$3,203.67</u>
Expenditures for the year,	2,658.72
Balance, Dec. 1, 1919,	<u>\$544.95</u>

DETAIL OF

	INSTRUCTION			OPERATING	
	Teachers' Salaries	Text Books	Regular Supplies	Janitors' Salaries	Janitors' Supplies
High School	\$87,304.32	\$1,697.41	\$2,328.49	\$12,853.40	\$707.66
Parker St.	18,563.38	553.83	496.37	1,407.89	102.87
Il. M. Knowlton	21,632.45	427.77	467.70	1,440.82	180.85
Middle St.	14,538.29	364.87	194.69	1,223.69	54.03
Allen F. Wood	13,398.20	385.16	309.24	1,171.77	62.37
R. C. Ingraham	15,826.68	184.64	281.	1,286.58	83.87
J. B. Congdon	18,772.84	266.69	449.34	1,343.31	117.31
J. H. Clifford	14,329.55	259.60	360.29	1,335.65	142.37
Thomas Donaghy	13,500.85	62.96	217.11	1,285.03	148.36
Wm. H. Taylor	14,587.80	112.74	229.42	1,225.93	88.63
Thos. R. Rodman	13,928.62	185.86	304.93	1,206.39	69.30
Jireh Swift	14,810.92	292.98	442.37	1,797.54	81.07
Abraham Lincoln	24,912.66	399.18	683.75	1,473.84	133.41
Betsey B. Winslow	15,209.26	240.04	103.91	1,268.28	66.98
Katharine St.	27,877.84	176.42	475.18	1,537.82	138.92
Phillips Ave.	10,667.90	239.72	130.99	1,180.84	119.25
Cedar Grove St.	15,309.79	227.40	330.07	1,286.87	124.76
Clark St.	10,873.21	92.91	167.12	1,150.46	47.09
Merrimac St.	6,500.07	51.56	148.02	1,048.38	38.54
Mary B. White	4,294.06	44.44	69.40	1,048.38	22.89
H. A. Kempton	9,061.57	66.52	79.39	1,098.57	56.32
Cedar St.	6,577.05	38.80	136.48	1,051.74	30.72
Harrington Memorial	11,115.24	131.63	278.14	1,197.04	104.41
S. A. Howland	4,607.63	57.52	79.27	1,194.15	83.88
T. A. Greene	10,821.65	123.28	143.40	1,150.46	50.98
Acushnet Ave.	13,029.15	135.99	241.55	1,204.68	81.75
Thompson St.	11,088.03	91.01	238.96	1,150.46	59.22
I. W. Benjamin	19,966.91	195.04	330.57	1,383.62	126.72
Dartmouth St.	6,376.21	55.72	112.95	1,062.54	49.19
Geo. H. Dunbar	10,536.63	91.41	263.10	1,151.22	63.79
Sarah D. Ottiwell	17,014.08	61.49	508.11	1,337.83	120.87
Plainville	2,055.69	30.23	16.44	325.	22.12
Rockdale	1,980.69		25.07	345.	17.11
Sassaquin	1,223.81	4.16	17.78		2.33
Lumbard House	819.31	4.90	23.64		
Congdon Special	1,223.81		18.27		
Donaghy Special	1,223.81				
Cedar Grove St. Special	1,223.81				
Harrington Special	1,143.38		38.78		
Howland Special	1,223.81		29.24		
Donaghy Fresh Air	1,223.81				
Phillips Ave. Fresh Air	729.19		83.50		3.80
Conservation of Eyesight	2,360.87		104.17		13.44
Evening High School	3,323.50		20.25		
Knowlton Evening	2,214.50	19.20		182.25	
Lincoln Evening	1,684.	23.36	7.46	155.	
Parker St. Evening	690.	61.71		120.	
Allen F. Wood Evening	991.		2.82	128.	
Ingraham Evening	1,639.50	72.72	6.77	155.75	
Katharine St. Evening	1,389.	13.40		129.75	
Mill Classes	267.50		.26		
Knowlton Summer	247.50		6.75	25.	
Middle St. Summer	250.		6.74	25.	
Ingraham Summer	350.		6.74	25.	
Sloyd	5,400.13		837.15		
Cooking	3,052.88		1027.11		43.03
Sewing	6,321.07		249.06		
Music	6,448.82		4.39		
Art	4,210.63				
Physical Training	1,332.25				
Writing	135.				
Nurses	3,937.63			417.70	
Permanent Substitutes	1,752.77				
Miscellaneous				24,473.53	
Lectures					
Office		31.44	87.04		60.78
Sales		138.80	50.89		4.59
Stock		913.05	2,165.37		907.71
Total	\$559,092.51	\$8,627.56	\$15,437.00	\$77,062.16	\$4,433.29

GRAND TOTAL \$732,166.41

[illegible]

COST BY DEPARTMENTS.

Based on Average Membership.

	Expended.
I. Administration:	
Superintendent	\$4,538.46
Assistants	4,503.76
Per pupil .....	.63 +
Office	13,492.43
Per pupil .....	.94 +
II. Instruction:	
Salaries:	
High School	87,396.62
Per pupil	99.08 +
Elementary Schools	426,900.53
Per pupil	31.78 +
High School Supervisors.....	2,000.00
Per pupil	2.26 +
Elementary School Supervisors.....	24,900.78
Per pupil	1.85 +
Evening High School.....	3,323.50
Per pupil	20.38 +
Evening Elementary Schools.....	8,875.50
Per pupil	9.85 +
Summer Schools	847.50
Per pupil	4.60 +
Playgrounds	2,552.25
Per pupil	2.47 +
Text Books:	
High School	1,697.41
Per pupil	1.92 +
Elementary Schools	5,656.47
Per pupil .....	.42 +
Office	31.44
Per pupil .....	.002 +
Evening High	
Per pupil	
Evening Elementary Schools	190.39
Per pupil .....	.21 +
Regular Supplies:	
High School	2,328.49
Per pupil	2.64 +

Elementary Schools	10,747.42
Per pupil .....	.80 +
Office	87.04
Per pupil .....	.006 +
Evening High School	20.25
Per pupil .....	.12 +
Evening Elementary Schools	17.31
Per pupil .....	.01 +
Summer Schools	20.23
Per pupil .....	.10 +
Playgrounds	344.83
Per pupil .....	.33 +

III. Operating Expenses :

Salaries :

Janitors :

High School	12,853.40
Per pupil	14.57 +
Elementary Schools	40,944.11
Per pupil	3.04 +
Summer Schools	75.00
Per pupil .....	.40 +

Miscellaneous :

High School	3,317.43
Per pupil	3.76 +
Elementary Schools	34,500.94
Per pupil	2.56 +
Office	497.13
Per pupil .....	.03 +

Supplies :

High School	707.66
Per pupil .....	.80 +
Elementary Schools	2,752.55
Per pupil .....	.20 +
Office	60.78
Per pupil .....	.004 +

IV. Maintenance :

Repairs :

High School	3,187.17
Per pupil	3.61 +
Elementary Schools	10,639.45
Per pupil .....	.79 +
Office	269.86
Per pupil .....	.01 +

V. Auxiliary Agencies:	
Health	4,355.33
Per pupil .....	.30 +
Transportation	2,898.75
Per pupil .....	.20 +
VI. Miscellaneous:	
Incidentals	7,015.57
Per pupil .....	.49 +
VII. Howland Fund:	
High School	298.36
Per pupil .....	.33 +
Elementary Schools	3,130.15
Per pupil .....	.23 +
Miscellaneous	9.75
VIII. Sales	194.28
IX. Stock on hand Dec. 1, 1919.....	3,986.13
Grand Total	<u>\$732,166.41</u>

TEXT BOOKS, STATIONERY AND JANITORS' SUPPLIES.

STATEMENT FOR 1919.

Dr.

	Purchased in 1919	Stock Dec. 1, 1918	TOTALS	
Books,	\$7,785.65	\$841.91	\$8,627.56	
Stationery Supplies,	11,259.81	1,886.14	13,145.95	
Janitors' Supplies,	3,278.08	904.31	4,182.39	
	\$22,323.54	\$3,632.36	\$25,955.90	

Cr.

	Charged to Schools, 1919	Stock Dec. 1, 1919	Cash Re- ceipts, 1919	TOTALS
Books,	\$7,575.71	\$913.05	\$138.80	\$8,627.56
Stationery Supplies,	10,929.69	2,165.37	50.89	13,145.95
Janitors' Supplies,	3,270.09	907.71	4.59	4,182.39
	\$21,775.49	\$3,986.13	\$194.28	\$25,955.90

The average cost per pupil in the different departments of the schools, for text books and supplies, has been as follows:

High school,	\$4.56
Elementary schools,	1.06
Average for day schools,	1.27
Average for Evening Elementary schools,	.23
Average for Evening High school,	.12

DEPARTMENT OF PUBLIC SCHOOLS.

For the year beginning Sept. 4, 1918, ending June 27, 1919.

	Total Member- ship	Average Member- ship	Average Daily Attend- ance	Aggregate Attendance
High, Elementary,	1,039 17,114	882 13,430	844 12,289	175,946 2,409,572
Evening Schools:				
High	451	163	127	9,756
Elementary,	1,720	901	725	35,545

AVERAGE AGE OF PUPILS IN VARIOUS GRADES
JUNE 27, 1919.

HIGH SCHOOL.

		Yrs.	Mos.
Senior,	II.....	17	6
Senior,	I.....	17	7
Junior,	II.....	16	6
Junior,	I.....	16	5
Sophomore,	II.....	16	2
Sophomore,	I.....	15	6
Freshmen,	II.....	15	1
Freshmen,	I.....	14	6
Average for school.....		16	2

ELEMENTARY SCHOOLS.

		Yrs.	Mos.
Grade	VIII.....	14	5
Grade	VII.....	13	4
Grade	VI.....	12	5
Grade	V.....	11	10
Grade	IV.....	11	—
Grade	III.....	9	11
Grade	II.....	8	9
Grade	I.....	7	5
Sub-Primary	.....	6	11
Kindergarten	.....	5	7
Ungraded	.....	13	4
Special Classes	.....	12	4
Average for Elementary Schools.....		10	6

AGE AND SCHOOLING CERTIFICATES.

There were issued from the Office of the Superintendent of Schools for the year 1919 the following
age and schooling certificates:

No. of Persons to Whom New Certificates Were Issued.							Total No. Certificates Issued.						
	Education (Literate)	Education (Illiterate)	Employ- ment	Home Permits	Summer Vacation	Time Permits	Education (Literate)	Education (Illiterate)	Employ- ment	Home Permits	Summer Vacation	Time Permits	TOTAL
1919	471	246	1213	78	249	212	6061	960	4588	78	330	212	12229
1918	607	256	1545	89	293	212	6391	1344	5485	89	366	212	13887

REPORT OF ATTENDANCE OFFICERS. From September 4, 1918 to June 27, 1919.

	John C. Noyer*	Francis N. Howes	Ralph Covill
Schools visited,	1,539	2,066	1,363
Absences of pupils reported by teachers,	1,658	1,431	1,508
Absences of pupils without permission of parent,	82	75	87
Second offenses,	40	19	20
Third offenses,	26	9	10
Parents and guardians notified,	1,509	1,376	1,488
Pupils returned to school from streets,	56	15	52
Arrests,	5	6	5
Prosecutions,	5	6	7
Placed on probation,	—	3	—
Sentenced to training school,	2	1	4
Visits to mills,	131	37	79
Violations of labor laws,	27	49	12
Transfer cards received,	956	1,070	640
Evening school absences reported and investigated,	91	18	79
Posters carried out,	190	170	200
Enrollment cards carried out,	325	340	300
Visits to mercantile establishments,	97	33	47
Notices carried to schools,	633	1,057	722
Cases of tardiness investigated,	41	27	26

*Substitute for John S. Silvia, in the service of the United States.

GRADUATES.

1919.

High School.

G. Walter Williams, Principal.

	Boys	Girls
College, General and Scientific Courses,	30	60
Commercial Course,	10	30
	<hr/> 40	<hr/> 90

Grammar Schools.

	Boys	Girls
Parker Street—Arthur F. Gilbert, Principal,	38	52
Hosea M. Knowlton—Edward B. Gray, Principal,	23	22
Middle Street—Elwyn G. Campbell, Principal,	18	26
Allen F. Wood—Leslie H. Sutherland, Principal,	13	14
Robert C. Ingraham—Alice C. Munsey, Principal,	24	35
James B. Congdon—Raymond H. Cook, Principal,	27	28
Thomas R. Rodman—Sarah A. Russ, Principal,	14	9
Jireh Swift—Stella L. McCarthy, Principal,	12	9
Abraham Lincoln—John W. Northcott, Principal,	13	18
Betsey B. Winslow—Alice T. Corrigan, Principal,	9	10
Rockdale School—Emma G. Casey, Principal,	1	3
	<hr/> 192	<hr/> 226

PUPILS ENTERING THE HIGH SCHOOL—SEPTEMBER, 1918.

	Boys	Girls	Total
From New Bedford schools,	59	87	146
From other schools in city,	8	12	20
From schools out of city,	16	14	30
	<hr/> 63	<hr/> 113	<hr/> 176

PUPILS ENTERING—FEBRUARY, 1919.

	Boys	Girls	Total
From New Bedford schools,	67	78	145
From other schools in city,	0	0	0
From schools out of city,	3	2	5
	<hr/> 70	<hr/> 80	<hr/> 150

Brief description of the schoolhouses, with their accommodations and conditions, Jan. 1, 1920.

NAME OF SCHOOL	LOCATION	Material	No. of stories	No. of school-rooms	No. of assembly halls	No. of sittings	Year completed	Estimated value
101 High.	County st., between Court and Morgan sts.	Brick	3	3	3	1000	1912	\$700,000
302 Fair Street.	Parker st., near County st.	Brick	3	24	1	562	1852	86,379
303 Hosea M. Knowlton.	Cor. County and Coggeshall sts.	Brick	3	16	1	786	1906	105,787
304 Middle Street.	Summer st., between Elm and Middle sts.	Brick	3	9	1	498	1844	35,035
305 Allen F. Wood.	Brick Pleasant and Russell sts.	Brick	3	10	1	490	1860	33,988
306 Robert C. Ingraham.	Rivet st.	Brick	3	12	1	575	1901	88,557
307 James H. Congdon.	Hemlock st., cor. Thompson st.	Brick	3	16	1	779	1908	123,039
350 John H. Clifford.	Coggeshall st.	Brick	3	12	1	592	1901	84,325
351 South st.	Brick	Brick	3	12	1	615	1905	82,639
352 Brock ave.	Brick	Brick	3	12	1	590	1898	79,000
353 William H. Taylor.	Mill st., cor. Rockdale ave.	Brick	3	10	1	435	1908	85,613
354 Thomas R. Rodman.	Lunds Corner.	Brick	3	10	1	468	1909	81,117
355 Jireh Swift.	Cor. Bowditch and Glennon sts.	Brick	3	10	1	980	1911	102,082
356 Abraham Lincoln.	Allen st.	Brick	3	12	1	600	1912	85,000
357 Betsey B. Winslow.	Katharine Street	Brick	3	20	1	895	1914	171,225
399 Phillips Avenue.	Phillips ave.	Brick	2	8	1	364	1897	47,561
401 Cedar Grove Street.	Cedar Grove st.	Brick	3	15	3	631	1883	35,932
402 Clark st.	Merrimac st.	Brick	3	8	3	372	1897	37,847
404 Merrimac Street.	Clark st.	Brick	3	6	1	261	1857	18,113
405 Mary B. White.	Cor. Pleasant and Maxfield sts.	Brick	3	4	1	195	1881	25,068
406 Horatio A. Kempton.	Shawmut ave.	Brick	3	8	3	390	1901	51,819
407 Cedar Street.	Cor. Cedar and Maxfield sts.	Wood	2	6	1	239	1855	7,063
408 Harrington Memorial.	Cor. Court and Tremont sts.	Brick	3	10	1	480	1889	54,503
409 Sylvia Ann Howland.	Cor. Pleasant and Kempton sts.	Brick	3	7	1	193	1893	65,100
410 Thomas A. Greene.	Cor. Purchase and Madison sts.	Brick	3	8	1	343	1894	66,089
411 Acushnet Avenue.	Acushnet ave.	Brick	3	10	1	462	1878	49,866
412 Thompson st.	Thompson st.	Brick	3	8	1	370	1885	37,800
413 Division st.	Division st.	Brick	3	12	1	360	1891	33,575
414 Isaac W. Benjamin.	Cor. Dartmouth and Hickory sts.	Wood	2	8	1	366	1855	17,106
415 Dartmouth Street.	Cor. Dartmouth and Dunbar sts.	Brick	3	8	1	363	1897	45,037
416 George H. Dunbar.	Cor. Erie and Dime Sts.	Stucco	1	15	1	600	1918	197,000
605 Plainville Road.	Plainville Road.	Wood	1	1	1	40	1846	1,000
606 Hathaway Road.	Hathaway Road.	Wood	1	2	1	60	1855	1,254
2 Portables.	Portables.	Wood	1	2	2	80	1903	4,331
1 Portable.	Portable.	Wood	1	1	1	40	1903	2,165
2 Portables.	Portables.	Wood	1	2	2	100	1910	3,400
8 Portables.	Portables.	Wood	1	8	1	400	1911	15,782
6 Portables.	Portables.	Wood	1	-6	1	300	1915	10,800
1 Portable.	Portable.	Wood	1	1	1	95	1916	2,000
2 Portables	Portables	Wood	1	2	1	26	1919	5,290
Unoccupied.	Unoccupied.	Brick	3	10	1	90	1876	113,888
	County Road.	Wood	1	2	1	90	1852	2,000

NEW BEDFORD PUBLIC SCHOOLS.

Rates of tuition for non-resident pupils for school year, September 3, 1919, to June 25, 1920, same to be paid quarterly in advance:

High School,	100.00
Elementary Schools,	40.00

SALARIES.

January 1, 1920.

HIGH SCHOOL.

	Min.	Max.
Principal,		\$4,375
Assistant Principal,		3,000
Head of Commercial Dept., Principal Evening		
High School, Supervisor of Penmanship,		3,670
Heads of Departments,		2,750
Men assistants,	\$1,875	2,375
Women assistants,	1,250	1,750
Increase \$125 annually until maximum is reached.		

ELEMENTARY SCHOOLS.

	Min.	Max.
Principals—Lincoln, Knowlton, Parker, Middle,		
Wood, Ingraham, Congdon, Katharine,		\$3,000
Principals—Swift, Clifford, Donaghy, Taylor,		
Rodman, Winslow,	\$1,750	2,500
Increase \$125 annually until maximum is reached.		
Principals, Primary Schools:	Min.	Max.
4 or 5 rooms occupied,		\$1,450
6 or 7 rooms occupied,		1,550
8 or 9 rooms occupied,		1,650
10 or more rooms occupied,		1,750
Assistants in grades one through eight,	\$1,000	1,350
Assistants in sub-primary and kindergartens,	1,000	1,350
Increase \$70 annually until maximum is reached.		

	Min.	Max.
Teachers of special classes,	\$1,425	\$1,500
Teachers of ungraded classes,		1,400
Increase \$75 second year.		

SUBURBAN SCHOOLS.

	Max.
Principals,	\$1,400

SUPERVISORS AND SPECIAL TEACHERS.

Supervisors :	Min.	Max.
Music,	\$2,000	\$2,625
Drawing,	2,000	2,500
Sloyd,	1,750	2,500
Cooking,		1,500
Sewing,		1,450
Physical Training,		1,750
Nurses,		1,450
Assistants :		
Music,	\$1,100	\$1,450
Drawing,	1,100	1,450
Sloyd,	1,000	1,350
Cooking,	1,000	1,350
Sewing,	1,000	1,350
Nurses,	1,000	1,350
Supervisors increase \$125 annually.		
Assistants increase \$70 annually.		

CALENDAR 1920.

TERMS.

Fall term begins Sept. 3, 1919; ends Jan. 30, 1920.
Spring term begins Feb. 2, 1920; ends June 25, 1920.
Fall term begins Sept. 8, 1920; ends Feb. 4, 1921.

VACATIONS.

Spring vacation, one week, beginning March 29, 1920.
Summer vacation, ten weeks, beginning June 25, 1920.
Christmas vacation, two weeks, beginning December 20, 1920.

HOLIDAYS.

Washington's Birthday,	February 22
Patriots' Day,	April 19
Memorial Day,	May 30
Columbus Day,	October 12

From Wednesday noon before Thanksgiving the remainder of the week.

SCHOOL SESSIONS.

High School: 8.30 a. m. to 3.20 p. m. Recess of one hour as near the middle of the session as practicable.

Grammar and Manual Training schools: Morning session, 9.00 to 11.45 o'clock. Afternoon session, 1.30 to 3.45 o'clock, without recess.

Primary and Kindergarten Classes: Morning session, 8:45 to 11.45 o'clock. Afternoon session, 1.30 to 3.30 o'clock. Recess in these classes for every pupil, 15 minutes in the forenoon, 10 minutes in the afternoon, as near the middle of the session as practicable.

In all other classes the sessions shall be prescribed by the Superintendent, subject to the approval of the Board.

OFFICE OF SUPERINTENDENT OF SCHOOLS.

166 William Street.

Office open 8.30 a. m. to 4.30 p. m., except Saturdays.

Saturday 8.30 a. m. to 11.00 a. m., 2.00 to 4.00 p. m.

ALLEN P. KEITH, Superintendent.

Office hours, 8.30 to 9.00 a. m., 12 to 1 p. m.; except Saturdays.

Saturdays, 8.30 to 10.00 a. m.

JOSEPHINE B. STUART, Assistant Superintendent.

Office hours, 8.30 to 9.00 a. m., except Saturdays.

Mondays and Wednesdays, 4.00 to 5.00 p. m.

ELIZABETH B. TRIPP, Grade Supervisor.

Office hours, 8.30 to 9.00 a. m., except Saturdays.

Thursdays, 4.00 to 5.00 p. m.

Office Assistants.

VIOLA C. MANSEAU, 30 Durfee Street.

CLARA S. BLAKE, 242 Maxfield Street.

MARY G. PERRY, 357 Clinton Street.

GERTRUDE E. EGAN, 47 Independent Street.

Inspector of School Property.

DANIEL H. FERGUSON, 563 Union Street.

Office hours, 12.00 to 1.00 p. m., except Saturdays.

Department Mechanic.

WILLIAM O. MARTIN, 209 Summer Street.

Storekeeper and Janitor.

JOHN EGAN, 356 Cedar Grove Street.

Attendance Officers.

JOHN S. SILVIA, 126 Campbell Street.

FRANCIS N. HOWES, 318 Arnold Street.

RALPH COVILL, 159 North Street.

JOHN C. NOYER, 297 Purchase Street.

Office hours, 8.30 to 9.00 a. m., except Saturdays.

SCHOOL BOARD, 1919.

CHARLES S. ASHLEY, Mayor, Chairman ex-officio.
JOSEPH ECCLESTON, Vice Chairman.

TERM EXPIRES 1920.

Joseph Eccleston,	J. C. Rhodes & Co., Inc.	9 Jenney Lind St.
Frank L. Rogers,	508 Bookstore Bldg.	69 Borden St.

TERM EXPIRES 1921.

Dr. Anna W. Croacher,	325 Pleasant St.
Dr. George F. Lewis,	76 Walnut St.

TERM EXPIRES 1922.

Samuel F. Winsper,	City Mfg. Co.,	226 Grinnell St.
Edward W. Sherman,	I. C. Sherman & Son,	61 Cottage St.

SCHOOL BOARD, 1921.

CHARLES S. ASHLEY, Mayor, Chairman ex-officio.
JOSEPH ECCLESTON, Vice Chairman.

TERM EXPIRES 1921.

Dr. Anna W. Croacher,	325 Pleasant St.
Dr. George F. Lewis,	76 Walnut St.

TERM EXPIRES 1922.

Samuel F. Winsper,	City Mfg. Co.,	226 Grinnell St.
Edward W. Sherman,	I. C. Sherman & Son,	61 Cottage St.

TERM EXPIRES 1923.

Joseph Eccleston,	J. C. Rhodes & Co., Inc.,	9 Jenney Lind St.
Harry C. Robinson,	First National Bank,	4 No. Orchard St.

Teachers and Janitors.

IN SERVICE JANUARY 1, 1920.

	Principals.	Assts.	Clerk.
High School,	1	47	1
Elementary schools,	29	361	
Suburban schools,	2		
	Supervisors.	Assts.	
Music,	1	2	
Drawing,	1	2	
Manual Training,	1	3	
Cooking,	1	2	
Sewing,	1	5	
Grade Supervisor,	1		
Grade Supervisor of Physical Training,	1		
Gymnasium assistant,		1	
Gymnasium pianist,		1	
Accompanist,		1	
Attendant on cars,		1	
Military instructor,	1		
Band and Orchestra director,	1		
Nurses,	1	3	
	Janitors.	Assts.	Eng. Asst. Eng. Fire-men.
High,	1	*7	1 1 3
Elementary schools,	30		
Spare men,	2		
Suburban schools,	2		

*Includes 6 women helpers.

TEACHERS.

Following are the names of teachers who have resigned and who have been appointed to the corps during the past year.

RESIGNATIONS, 1919.

Mary G. Almy	Loretta M. Harper
Mabel G. Andrew	Lillian E. Harris
Eliza E. Barker	Marjorie Hastie
Charlotte M. Belknap	E. Pearl Lambert
Doris Boothby	Helen P. Lane
Mabel Burnham	Winona B. Leysath
May O. Burrows	Edna E. Naşon
Helena F. Carroll	Marjorie S. Noyes
Millie D. Church	Annie L. Orswell
Lucy I. Churchill	James Parkinson
Isabel C. Duarte	N. Emma Slack
Ethel H. Dunn	Laura M. Sullivan
Rachel E. Felton	Natalie Thornton
Ethel L. Frizzell	Mary H. Tripp
Eula P. Goodale	Alice Turner
Ellen G. Grady	Beulah D. Wood

PENSIONED.

Frederick O. Pollock

APPOINTMENTS.

Ethalene M. Barnard	Winifred Mahoney
Gladys Blackmer	Gertrude Mathews
Hilda Booth	Edith Mechaber
Almyra M. Brennan	Ethel E. Moncrieff
Beatrice Burr	Anna F. Meade
Anna K. Carley	Robert H. Murdy

Ruth M. Clapp
Gertrude D. Daley
Emily Daniels
Eileen A. Deneen
Josephine Deuel
Rachel E. Felton
Marie Fernandes
Margaret Fernandes
Dorothy B. Fifield
M. Rose Finnell
Florence L. Howland
Anna L. Hunt
Helen O. Huntress
Elizabeth M. Kennedy
Frances B. Macy

Annie M. Murphy
Fay H. Newland
Marjorie S. Noyes
Madeline D. Peabody
Olive M. Raymond
Anna M. Riley
Louise D. Roberts
Marie A. Russell
Catherine M. Shea
Edna M. Shea
Clara G. Sullivan
Amy B. Watson
Ernine M. Wilcox
Flora A. Wilmarth

NUMBER OF CHILDREN IN GRADES--SEPTEMBER, 1919.

AGE GRADES	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	ACCEL.	NORMAL	RETARD	TOTALS
8A								8	67	87	27	3	1	8	154	31	193
8B							3	45	188	87	9	5		48	275	14	337
7A						1	6	96	160	52	11	2		7	256	65	328
7B						2	42	226	205	54	6	2		44	431	62	537
6A						5	135	206	159	33	5	1		5	341	198	544
6B						71	326	202	139	20	4	1		71	528	164	763
5A						134	258	187	170	18	4				392	379	771
5B					52	287	235	145	123	9	4			52	522	281	855
4A				9	167	252	211	135	78	17				9	419	441	869
4B				75	376	229	146	112	45	7	2			75	605	312	992
3A			5	205	281	236	139	71	31	3				5	486	480	971
3B			66	400	285	144	90	26	15					66	685	275	1026
2A			216	352	176	86	47	16	6	1					568	332	900
2B		71	542	310	134	40	20	14						71	852	208	1131
1A		303	487	203	51	19	5	3	1						790	282	1072
1B	98	1059	380	106	38	13	4	6						98	1439	167	1704
TOTALS	98	1433	1696	1660	1560	1519	1667	1498	1387	388	72	14	1	559	8743	3691	12993
PERCENT														4.3%	67.3%	28.4%	

REPORT OF PROMOTIONS.
For Term Ending June 27, 1919.

	No. in Class	No. Promoted on Probation	No. Not Promoted	Per Cent. not Promoted
Grade 1 B	1267	18	341	26.9
1 A	1177	25	177	15.
2 B	940	42	136	14.4
2 A	1056	51	125	11.8
3 B	971	54	90	9.2
3 A	980	40	98	10.
4 B	920	48	99	10.7
4 A	884	42	95	10.7
5 B	822	53	97	11.8
5 A	823	57	93	11.3
6 B	601	56	70	11.6
6 A	592	33	54	9.1
7 B	402	28	41	10.1
7 A	366	24	23	6.2
8 B	243	15	12	4.9
8 A	235		16	6.8
Totals,	<hr/> 12,279	<hr/> 586	<hr/> 1,567	<hr/> 12.7

Pupils in special classes not included in above table.

Respectfully submitted,

ALLEN P. KEITH,
Secretary.

Report of the Superintendent.

To the Honorable School Committee :

Dr. Croacher and Gentlemen:— I have the honor to submit the fifty-ninth annual report of the Superintendent of Schools of this city.

In presenting this report I shall confine myself to those changes which have been made during the year and to suggestions for the future.

RESERVE OFFICERS TRAINING CORPS.

In March a request was sent to the War Department asking that a local Reserve Officers Training Corps be organized at the high school in accordance with the regulations of War Department General Orders, Number Forty-Nine.

The primary object of establishing units of the Reserve Officers Training Corps is to qualify, by systematic and standard methods of training, students at civil educational institutions for reserve officers. School authorities retain their ordinary powers of supervision and control. Membership is limited to students over fourteen years of age who are physically fit. The prescribed course when entered upon by any student, shall, as regards such student, be a prerequisite for graduation. The President is authorized to detail an officer of the Army for duty as professor of military science and tactics. Uniforms, arms, and equipment will be issued by the Secretary of War.

Captain C. W. Fairfax reported for duty early in April and immediately began the formation of a battalion. About 300 boys enlisted and although handicapped by lack of proper equipment good progress was made. The organization made a very creditable showing in the Memorial Day parade, the general set up of the boys winning favorable comment. The school band enlisted in a body thus making it available for all occasions where music was needed. During the summer seventy of the boys went to Camp Devens for six weeks of intensive training. In addition to having the largest representation of any school or college at the camp several of our boys won places on the honorable mention list and made the rifle team. Captain Fairfax and the boys were enthusiastic over the results at the close of the camp.

By September most of the uniforms, arms, and equipment had arrived and it was immediately issued. Members are allowed to wear their uniforms on drill days, which means at the present time three days a week.

Early in October Captain Fairfax was retired and Lieutenant W. C. White, a West Point graduate, assigned the command. During his service Captain Fairfax had won the respect and esteem of his boys and the public generally, and it was with regret that the order of the War Department was accepted. Lieutenant White is meeting with success in carrying on the work and I am sure there will be a surprise for all of us when the boys give their first evening parade next spring.

The success of this organization will depend on the ability of the students to carry over into the classroom and home the habits of respect and attention which military drill instills. We are beginning to see some results and the outlook is most promising.

CO-OPERATION OF TEACHERS.

Believing thoroughly that only by and with the co-operation of teachers and principals can we work out the best courses of study and select the textbooks best suited to the children of our city, I have during the past year appointed several standing committees on textbooks and courses of study. These committees receive and examine all new books published from time to time and are to consider carefully any changes suggested for our course of study, submitting recommendations which they may make to me. We are trying to make the department thoroughly democratic and use every facility at our command in determining all matters of policy.

LECTURES.

Two courses of lectures were given during the year, one by Dr. Bagley of Columbia University, who gave four lectures to the teachers on professional subjects and the other under the leadership of the director and faculty of the Bristol County Agricultural School. Dr. Bagley's lectures were well attended and all were agreed that his messages were timely and full of inspiration. The agricultural lectures were planned for those teachers who desired to lead in school garden work and the various lecturers outlined simple and practical lessons for the children. The impetus given this work during the war is bound to carry over and the children's gardens have come to stay.

TELEPHONE SYSTEM.

The administrative work of the department has been greatly enhanced by the installation of an intercommunicating system of telephones with a central switchboard located in the general office. It is now possible to communicate with any school at once and thus a great deal of time is saved. Transfer problems are now solved directly

by the schools involved and in countless others ways the telephone makes for efficiency.

HEALTH WORK.

The health work in the schools is progressing along the lines mentioned in last year's report. The children in the classes for the conservation of eyesight should have expert inspection at least once a week by a specialist. Before the war this inspection was made by Dr. Atchison, without charge, and during the war our supervising nurse secured such assistance as she could. The Commission for the Blind, acting under the authority of a new law passed during the last session of the legislature, sent us a check for one thousand dollars. As this aid is to be continued from year to year I would recommend that a specialist be engaged to make regular weekly inspection of the children in these classes at a stated salary.

CIVICS.

An outline course in civics was adopted May 1, 1918, and has since that time proved of much assistance in guiding the work of the different classes. The real opportunity for instruction in democracy is offered in the discussion which should come in relation to the duties of the various officers. To know the names and titles of the officers of city, state, and nation will mean little unless there is a full and free discussion of their duties and relations to each other and to the public. Teachers must know and practice democratic principles if their pupils are to get the most help from this training.

ADDITIONAL GYMNASIUM ROOM AT HIGH SCHOOL.

The present plan of using the gymnasium at the high school is a makeshift and some means of relief should be

devised immediately to provide an additional gymnasium for the girls' use. The suggested plan of utilizing the hollow square in the center of the main building seems to me to be the best solution of the problem, and I hope some definite action may be taken at once that we may have the gymnasium available for next September.

PLAYGROUNDS.

With the establishment of Community Centers will come a change in the management of the summer playgrounds as this work logically belongs to the community center development. As a result of his experience Mr. Dorman has recommended that the playgrounds with one exception be transferred from the school yards to the parks. The three south end playgrounds could be moved to Hazelwood, Grove, and Ashley parks where there would be much more room and abundant shade, Buttonwood park and the Hathaway playground would take care of the center and west end, the Common would supply the needs now served by the Kempton ground, the Knowlton ground should be kept in its present location and the Lincoln ground moved to Brooklawn park. The most congested playground in the city has been located at the Cedar Grove Street school, and here there is imperative need of a large open space for the use of the children. An entire block should be purchased for this purpose.

The above changes would involve the transfer of the playground equipment to the Park Department. As this department is prepared to maintain grounds and apparatus through its regular organization and the school Board is not, I would recommend that such action be taken as will lead to the transfer of the playground equipment to the Park Department, that department to have charge of the grounds and apparatus, the Director of Community Centers to furnish the play leaders and instructors.

MANUAL TRAINING.

There has been an earnest effort during the past five years to get away from the traditional set of models in the wood-working classes of this department. The models are now used simply to get the children acquainted with the use of the tools needed and then the pupils are allowed to branch out and make articles of their own selection. The following is a list of some of the articles made during the past year:

Diploma frames, whitewood, stained and waxed; miniature yacht; bird houses; tool chest; puppet theatre; xylophone case; wheel car of oak for phonograph at Ottiwell School; book case, glass doors, of whitewood for Swift School; slant front, table writing desk, of butternut, with fall lid and pigeon holes; book racks of gumwood; invalid's tray; filing boxes for School Department Office; box for electrical apparatus; desk racks for use in Miss Moore's room, S. A. Howland School; exhibition frames for use in Miss Moore's room; rulers changed for use in Miss Moore's room; golf stick; small tables; drawing boards with T squares and triangles; medicine cabinets.

It is our constant endeavor to encourage the study of home repairs that our boys may be taught to make such repairs in a thorough and workmanlike manner.

THE SOCIALIZED RECITATION.

The socialized recitation aims to develop in the pupil an ability to think more clearly and to talk more intelligently, greater initiative, a deeper sense of responsibility and the research habit. The teacher plans and guides and as far as possible remains in the background. Pupils conduct recitations, direct discussions, criticize and assist each other in constructive ways and the teacher insists that the class keep to the point. Several teachers in the grades and some of the teachers of English in the high school have

tried this form of recitation with success and from my personal observation I would recommend the gradual introduction of more of this kind of recitation as the teachers come to realize more fully its possibilities.

COMMUNITY CENTERS.

At the meeting of the Board held October 17, 1919, Edward M. Barrows was elected Director of Community Centers at a salary of four thousand dollars per year, and he began his work with us on October 27, 1919.

The first center has been established at the Katharine Street School and will, on New Year's Day, be opened with all the activities that such centers usually seek to develop. The control is in the hands of a governing council made up of representative citizens and from present indications this first center promises success.

Captain Philip H. Slocum is in charge as supervisor and Mrs. Gillian M. Allen will assist in the women's work.

Mr. Barrows proposes to open classes for those interested in preparing for community center work and later in the season for those interested in playground leadership.

THE SCHOOL COMMITTEE BUILDING.

The present building was planned to accommodate the department when it was less than half its present size, and during the past ten years no changes have been made to keep pace with the growing needs of the organization. We are in immediate need of additional office room and I trust that the appropriation requested for making the suggested changes may be granted soon.

At times our basement is so crowded with supplies that it is almost impossible to handle them quickly and economically. To relieve this condition we need a storehouse at the rear of the present building. Such a building could be reached through Park Place.

REPAIRS TO SCHOOL PROPERTY.

For many years this department has struggled along with an appropriation for repairs which has been less than one-half of one per cent of the valuation of the property entrusted to its care. There has been plenty of criticism because this or that has not been done, but because of the small appropriation only those repairs which were absolutely necessary could be made. This policy has not allowed us to keep our property in the condition which is not only desirable but necessary for its future, and I trust such action may be taken as will result in increased appropriations that repairs may be made promptly. By doing a little each year we have gradually replaced the old type of school furniture with adjustable desks and chairs. There are still twenty-seven hundred and ninety-three seatings which need changing. Slate blackboards have replaced the old plaster boards until we need but twenty-seven hundred and thirty square feet to make the change complete. These two matters and the repairs which the Inspector of School Property has outlined should be attended to this year.

SALARIES.

The new salary schedule, which went into effect November first, placed New Bedford in the front rank among the cities of the state for the time being. Since that time other cities have adopted new schedules which have a higher maximum than our latest schedule provides. If the cost of living continues to rise it will be necessary to again revise our salary list. I believe I speak for the teachers of New Bedford and all other employees when I voice their appreciation of the liberality of the chairman and members of the School Committee when the last schedule was voted.

NEW LEGISLATION.

Two laws passed at the last session of the General Court demand our immediate attention. The law which requires all children under sixteen years of age to complete the sixth grade before leaving school for work will hold many of the pupils, who could work under the old law, in school. This means additional accommodations, and as we are now crowded in the districts particularly affected, a serious problem is presented.

The Continuation School Bill which was accepted in this city at the last state election by a vote of five to one will go into effect September 1, 1920. This bill provides that all minors under sixteen years of age who are at work must attend school at least four hours each week on the employers' time.

Director Evans of the Boston Continuation School makes the following statements in his latest report:

"The reason for this type of school lies in the fact that the number of children who leave school prematurely is so large that a real problem is presented, for it is from this group that the armies of the unskilled and unemployed are recruited. Neither home nor industry alone can provide the training required.

"The task of the Continuation School therefore becomes plain. The gap between the idealistic school life and the practical life of employment must be bridged. The means of intellectual and educational advancement which were lost with the passing of the apprenticeship system must be replaced. Society must be protected by reducing the ranks of the unfortunate and the ignorant. Further training in the fundamentals of education must be given, but it must be offered in such form as the young worker will accept. The deadening influence of automatic work must be offset and more perfect democracy must be estab-

lished by affording each young worker his opportunity to make the most of himself. The young employee must be trained for useful, satisfying work as a reaction against the influences which tend toward parasitic existence; he must learn to occupy his time with wholesome self-improving activities; he must be helped in making his educational experiences count; he must be aided in determining his most promising aptitudes; he must be assisted in forming habits of economy and thrift; he must be guided to make the best and the most of himself and of life.

"The continuation school by emphasizing the interdependence of employer, employee and community and by analyzing normal steps in promotion that operate in industry, must ever deal with the individual child rather than with the subject of instruction; must show to each child his door of opportunity; must train him to keep that door open; must foster in him interest in his general self betterment; must make clear the progressive steps leading to economic independence and must keep him on the 'road to somewhere.'

"The problem is to provide suitable part time instruction for not less than four hours each week during working hours for the fourteen to sixteen year old boys and girls who leave the regular schools to go to work.

"The functions of the part time school are: (1) the conservation of the education already acquired, and the extension of it; (2) the providing of opportunity for prevocational experience to help in the choice of a vocation; (3) vocational guidance and follow-up work; (4) the establishment of an efficient employment bureau; (5) tying school work with the job so far as possible."

At the present time there are twelve hundred and four boys and eleven hundred and forty-seven girls between fourteen and sixteen years of age employed in New Bedford. Nineteen hundred and sixty are in the cotton mills

and three hundred and ninety-one are in stores, offices, etc. Based on the Boston experience if all these children remain at work we shall need at least twenty teachers, ten for the boys and ten for the girls. It will also be necessary to employ a director to have general charge of the work. The attitude of our local employers will determine the extent of the work. Through the co-operation of the Textile and Vocational Schools much may be accomplished. It will be necessary to ask for a substantial budget to finance this new type of work. If the organization meets with the approval of the state authorities the city will be reimbursed for one-half the net maintenance cost.

RECOMMENDATIONS.

I would respectfully recommend:

1. That a specialist on the eyes, ears, nose and throat be employed to examine regularly the children in the classes for the conservation of eyesight.

2. That additional gymnasium room be planned immediately at the high school.

3. That the care and equipment of the playgrounds be transferred to the Park Department.

4. That the School Committee Rooms be remodeled to provide additional office room and that plans be made for a supply building at the rear of the present lot.

5. That the City Council be requested to provide:

A new building located between the Abraham Lincoln and the Jireh Swift buildings;

A new central building for Junior High School purposes;

Additions to the H. M. Knowlton and the James B. Congdon buildings for Junior High School purposes;

Modern structures on enlarged sites to replace the Dartmouth Street and the Cedar Street buildings;

A special appropriation with which to complete the

installation of adjustable furniture and slate blackboards in all school buildings.

To seek diligently to train the child for real service, to make him physically fit, to train him in habits of straight thinking, and to develop the noblest ideals of character that he may intelligently participate in the duties, privileges, and responsibilities of life, thus making the most of the best that is in him, has been and is the aim of all our education.

To attain this aim we need the active assistance of every parent in this city, and I trust that in the future we may have this constructive support in greater measure than it has been given in the past.

Respectfully submitted,

ALLEN P. KEITH.

Report of the Assistant Superintendent.

Mr. Allen P. Keith, Superintendent of Schools:

Dear Sir:—In accordance with your request I herewith present the annual report of the assistant superintendent of schools for the year 1919.

HEALTH WORK IN THE SCHOOLS.

Few cities have a wider range of activities in health work in the public schools than is found here. These activities include inspection by school physicians and school nurses, with follow-up work in the homes, preventive and corrective work through physical exercises in charge of the director of physical training, children's clinics conducted by organized welfare agencies, and special classes for the physically handicapped. The needs of the pupils in each special class are under the supervision of an expert along the lines of work for which the class was formed, Dr. Remick, superintendent of the Sassaquin Sanatorium being in charge of the three open-air classes, and Dr. Atchison has been the oculist in charge of the classes for the conservation of eyesight. The Massachusetts Commission for the Blind also keeps in close touch with these eyesight classes. This health work in our schools has been carried on quietly and few people realize that New Bedford is not only in advance of most cities in the attention given this subject, but is far in advance of the legislation concerning health in the schools of any state in the country.

The success of the work here is due not only to the careful selection of the workers employed by the department and to the skill and faithfulness which they bring to their duties, but also to the spirit of co-operation that has characterized all the forces which have been engaged. This co-operation has included the School Board, whose progressive policy has endorsed the forward-looking recommendations of the superintendent as he presented the plans for each new step; the superintendent, whose insight, sympathy, and executive ability have placed each new feature upon a firm basis at the time of its introduction; the assistant superintendent, whose part has been the supervision of the health work introduced since 1915; the grade supervisor and the special supervisors, whose methods of supervision give heed to the health needs of the pupils; the school nurses, school physicians, director of physical training, and school clinics, whose united work covers a field far wider than that of all other workers. This co-operation is shared by the teacher and principal whose daily administration has a definite effect upon the health of their pupils, a responsibility also shared by the janitor in his provision for the health condition of the building, and by the inspector of school property, a group of school agents who have received much commendation from visitors for the excellent standards maintained in the care of the rooms and buildings and the health regulations enforced under their supervision. Another valuable element of co-operation has been furnished by the attendance officers, whose friendly and sensible attitude toward the children being dealt with and interest in the problems of the parents have been joined with the influence of the nurses and the clinics to secure the co-operation of the home. School nurses and the director of the school clinics also speak warmly of the co-operation they have received from the Board of Health, the Overseers of the Poor, the District Nursing Association, the Society for the Prevention of Cruelty to Children, the Family Welfare Society (till re-

cently the Charity Organization Society), the City Mission, St. Luke's Hospital, the oculists, dentists, and physicians of the city, and individuals interested in the welfare of children; and the list should also include the superintendent of the Sassaquin Sanatorium, workers from the Massachusetts Commission for the Blind, from the State School for the Feeble-Minded at Waverly, from the State Hospital for the Insane at Taunton, and from the National Committee for the Prevention of Blindness. As each of the agencies mentioned has contributed some definite constructive health service in co-operation with the public schools of New Bedford we may with justice claim that the success of these health activities is the result of efficient teamwork.

The rapid growth of the children's clinics has been an important aid in caring for the health of the pupils. Some of these clinics have been described in earlier reports but they should be included in every record of the health work of the schools. While all these clinics are not maintained by the school department yet as those conducted by other agencies are largely fed through the efforts of the nurses and physical director in the public schools, they may be mentioned in the group of clinics which serve the needs of the pupils. These clinics now include a children's tuberculosis clinic conducted by the Board of Health; a children's orthopaedic clinic at St. Luke's Hospital; two dental clinics located in school buildings and supported by the school department but directed by the New Bedford Dental Association; and clinics conducted by the Children's Aid Society which include two eye clinics, two medical clinics, and two recently established nutrition clinics, all located in school buildings. The list of the clinics available would not be complete if no mention were made of the mental clinic in New Bedford conducted by the state, under the direction of Dr. Fernald, superintendent of the State School at Waverly, and Dr. Goss, superintendent of the State Hospital at

Taunton. The dental clinics were established in 1910, the eye clinics and medical clinics in 1916, the mental clinic in 1917, and the nutrition clinics in 1919. Statistics for each of these are not available, but the clinic visitor for the Children's Aid clinics reports that over twenty-eight hundred and seventy children in New Bedford have been treated in the eye clinics and medical clinics since 1916, the majority making more than one visit.

Our special classes for children with physical handicaps include a class for tubercular children who are patients at the Sassaquin Sanatorium, two open-air classes for anaemic children with tubercular tendencies, two classes for the conservation of eyesight, and a class at St. Luke's Hospital for children sent there for surgical or orthopaedic treatment. The supervisor of school nurses has charge of the health side of the work in the special classes located in school buildings and is a very valuable assistant in the administration of these and of the children's mental clinic held each month under the direction of the state. During the summer vacation each teacher in the two open-air classes for anaemic children with tubercular tendencies was allowed to spend several weeks in observation in the children's ward at the Sassaquin Sanatorium, by this means gaining a knowledge of the needs of their own pupils which could have been secured in no other way. The Massachusetts Commission for the Blind invited one of the teachers in our classes for the conservation of eyesight to spend four weeks of the summer vacation working with the field agent of this society. This was recognized as an honor, and furnished an invaluable training which is shared in by but few teachers of such classes.

The activities mentioned thus far center about the work of the school nurses and physical director, the school clinics, and the special classes. Each school nurse studies the needs of the special classes in her district and in the classes for anaemic children measures and charts each

child's progress in weight each week; the supervisor of nurses in addition to her other duties, attends to matters of examination, admission, transfer, and discharge, of the pupils in the special classes, adjustment to the needs of an individual child, and similar details, and gives no little time to the preparation of data for the mental clinic; the physical director not only furnishes preventive work in group instruction but does much corrective work with individuals. School nurses and physical director select the children to be sent to the clinics, receive from the clinic visitor reports concerning diagnosis and treatment of the pupils examined, and carry out the follow-up work in the homes. The time will come when the debt which the nation owes to these workers in the schools of the country will be recognized, at present only those who have been brought into direct contact with the results can appreciate the invaluable service they render.

But there is a wide field of health work in schools which lies wholly outside the activities of these experts in the conservation of health, a field so important that its neglect may undo no little of the good accomplished through their skilled efforts. The need of this health work was recognized long before school nurses and school physicians were appointed, and instruction concerning it will still be needed as long as well-meaning but inexperienced or arbitrary or ambitious teachers fail to recognize the importance of this side of their work. With the best intentions to further the progress of her pupils a teacher's methods of instruction or of discipline may create such an atmosphere of tension, her demands upon the pupil's nervous energy may be so excessive, she may drive so rigorously, that at the end of the day the more susceptible of her pupils may leave the schoolroom drained of vitality, mentally and physically. Or the spirit of emulation or the desire for high rank may be so stimulated that the more responsive children will work not only in school time but will carry their

school work into the out-of-school hours which should be given to helping at home or to recreation and rest. Long periods of close attention to one subject, long exercises in written work, insistence upon great speed in oral or mental effort, much copying from a distant blackboard, detention at recess or after school at noon, (each of these is contrary to the regulations of the School Board here), insistence upon long after-school recitation to cover ground lost through illness, insistence upon high percentages of attendance regardless of the pupil's fitness for school attendance, refusal of the right (a right, not a privilege) to leave the room if necessary during school hours, unnecessary and indiscriminate distribution and redistribution of the books and materials used by the pupils, an excessive amount of chalk-dust due to careless work with frequent erasure at the blackboard, disregard of the amount of light received or of the direction from which it comes, the pupils' unhygienic postures in standing, sitting, and writing,—all these may leave their mark upon the children's health.

Or we may fail to interpret the signs in which every teacher should be skilled. Many of us have failed to recognize that irritability may be one of the symptoms of physical discomfort or of oncoming illness, we have sometimes interpreted lassitude and languor as laziness, and some of us have been known to apply punishment to check the restlessness and inattention which results when a conscientious care-taker tries to save heat and fuel by closing all windows and ventilators. Premature promotion or double promotion granted to nervous children of frail physique, promotion reached through the teacher's strenuous efforts with individual pupils kept after school day after day, entailing for the child additional hours of school room confinement in which he is mentally pulled, dragged, driven, is scolded, exhorted, and even sometimes punished to bring his efforts up to "a passing mark",—our faithfulness to what we have considered the child's mental interests have

made some of us forget his more important physical interests, for the child's physical health is of more importance to his future success and well-being and to the well-being of the future nation than his mental progress can be, greatly important as that mental progress is. When the schools recognize that the teacher's work is to build for future citizenship and that this requires moral, mental and physical development, then it will be recognized that the teacher whose chief aim is "to get the child through the grade" is failing to measure up to the demands of her calling.

Visitors to our schools have commented upon the extent to which our principals and teachers are watchful and sympathetic in caring for the pupils' health. One visitor remarked that in the schools she visited here every principal was as familiar with each child's health history as she was with his intellectual progress. Another visitor observing the work in one of the special classes for handicapped children exclaimed, "Wouldn't it be wonderful if the normal children in the grades could live in such an atmosphere of physical care and such freedom from nervous strain." He was invited to visit immediately the normal children in the grades in that building, and there also he saw the same attention to the physical conditions which might hamper the pupils' mental efforts and the same absence of nervous tension.

Unfortunately this cannot be said of every schoolroom in our elementary grades. This attention to the health side of administration requires a training which comes slowly to many teachers and some seem to be unable to acquire a consciousness of any but the intellectual side of their work with children.

Last year's report called attention to one of the minor results of the recent war, which was to awaken, in the minds of children as well as of adults, a consciousness of

the importance of health. Two years ago an experiment group of several schools was formed for the intensive study of some of the problems of their grades.. In this group the progress made in securing hygienic postures has been gratifying and we hope to broaden the scope of the work each year. The pupils are taught that no position for continued work can be considered hygienic unless it is comfortable, easy, natural. All effort to assume a tense, strained attitude is checked, and the reasons for avoiding some positions and adopting others are made clear to the pupils, i. e., eyestrain, interference with the circulation, cramped organs, curvature of the spine, may be the direct results of some postures, while lifted chest, level shoulders, lifted head with chin in, the straight spine, and feet flat, upon the floor, allow fresh air to enter the lungs, the blood to circulate freely, the eyes to work at a proper angle and the weight of the body to fall properly.

The pupil's intelligent control of his own body is one of the definite results aimed for in this posture work, control for the sake of the health of the individual child, not for the sake of schoolroom uniformity or arbitrary obedience to instructions. The broad aim of our work includes the development of character, health, intelligence, knowledge, and the skill that will enable the individual to employ these in the activity which the course of events seemed, for a time, to be developing as one of our characteristic national traits—service to the world.

Newspapers of recent date have reported that, "The Massachusetts Health Education Committee has filed at the State House a bill asking that state machinery should be set up that should establish in our public schools a broad health program. The bill calls for a director of health education who shall conduct an intelligent health program throughout the schools and shall see that every child is taught simple health habits and given plenty of proper exercise." Such a director for every city could do much to

maintain the co-operation found so helpful here, and to aid teachers in developing their part of the work. This director, however, should be under the control of the superintendent of schools since close harmony in administration between this health work and other phases of school work is essential. The expert in charge of the health work would occupy the relation to the head of the school system that is held by other specially trained and expert supervisors in charge of special departments in the system. This director should be a physician who could take charge of the psychopathic work in the special classes as well as of the health work in the grades.

The supervision which the assistant superintendent has given this special work has necessarily deducted not a little from the attention due methods of teaching and progress of pupils in the regular grades. Much health work can be accomplished through this grade supervision of methods of teaching and other grade problems, and I earnestly request that some one may be appointed to direct this special work and allow me the time needed for the grades.

Respectfully submitted,

JOSEPHINE B. STUART.

Report of Principal of High School.

Mr. Allen P. Keith, Superintendent of Schools :

Dear Sir:—I submit my report for the year 1918-1919.

MEMBERSHIP.

The membership of the school has continued to decrease. We had only 1,039 total enrollment during the past year in comparison with 1,257 the year before. There is no reason for this decrease that I can find so strong as the demand for workers of all kinds in New Bedford. Pupils are continually leaving the High School and the upper grades of the grammar schools in order to go to work. It is evident that the wages and opportunities offered in New Bedford are more attractive than in most of the other cities, for the pupils leave the schools in larger numbers than they do elsewhere.

The classes that have entered the High School in the past year have been the smallest we have received for several years. The prospects for the next year or two do not seem to offer any encouragement for a change because the pupils are leaving the upper grades of the grammar schools. If they do not reach the 8A of the grammar school it is impossible for them to enter the High School. The 8A grammar school has decreased in numbers steadily from 1914, the beginning of the war. As an example the statistics for these schools show that in 8A classes in 1914 there were 306 pupils; in the 8A classes of 1919,

only 235 pupils. The total number in 8A, 8B, 7A, and 7B grades in 1914 was 1,316 pupils, and in 1919, only 1,246. But the numbers in the 6A, 6B, 5A, and 5B classes in 1914 were 2,205 while the total number in 1919 was 2,838. These figures show that the total number in the seventh and eighth grades in 1914 was only 111 less than the number in the fifth and sixth grades, but in 1919 the number less was 1,592.

It is evident that while pupils leave in such large numbers in the upper grades the comparative number that come to the High School must continue to be small. It is clear that there is not likely to be much change in the attendance at the High School until there is a change in the demand for workers at the high wages paid today.

CO-OPERATION.

I believe it would be highly desirable to have closer co-operation between the teachers of the upper grades of the grammar schools and the teachers of the lower grades of the High School. There is a wide gap between the work and methods of the grammar schools and the High School. If the High School teachers knew exactly the work that the grammar schools do, and the grade teachers knew exactly the work that the High School does, we believe that the gap between the grammar schools and the High School could be bridged and the work of the Freshmen High School pupils could be more successful. Too many pupils fail in the Freshman year of the High School. There is no doubt that the cause of many of these failures is the inability of pupils to adapt themselves to the different methods and subjects in the High School.

Statistics for the school year follow:

	Commercial Courses			General Courses			Technical Courses			College Courses			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
P. G.'s															
8's	10	30	40	1	30	31	17	1	18	13	27	40	2	88	4 ⁴ 129*
7's	4	17	21	0	13	13	18	0	18	6	13	19	41	43	71
6's	15	25	40	0	30	30	18	0	18	13	22	35	28	77	123
5's	11	20	31	0	12	12	16	0	16	12	19	31	31	51	90
4's	25	37	62	0	18	18	17	0	17	19	20	39	61	75	136
3's	24	26	50	0	11	11	23	0	23	22	12	34	69	49	118
2's	17	58	75	0	25	25	25	0	25	27	25	52	69	108	177
1's	33	60	93	0	23	23	31	0	31	29	15	44	93	98	191
	139	273	412	1	162	163	165	1	166	141	153	294	450	589	1039

*Including the class which graduated in February.

Total Registration by courses was:

Post Graduates,	4
Commercial Courses,	412
General Courses,	163
Technical Courses,	166
College Courses,	294
	<hr/>
	1039

GRADUATES, 1919.

FEBRUARY.

	Boys.	Girls.	Total.
College Preparatory Course,	5	9	14
Scientific Course,	5	1	6
General Course,	0	10	10
Commercial Course,	6	13	19
Partial Pupils (Certificates),	3	4	7
	<u>19</u>	<u>37</u>	<u>56</u>

JUNE.

	Boys.	Girls.	Total.
College Preparatory Course,	7	19	26
Scientific Course,	12	0	12
General Course,	1	20	21
Commercial Course,	4	17	21
Partial Pupils (Certificates),	7	8	15
	<u>31</u>	<u>64</u>	<u>95</u>

NUMBER OF PUPILS WHO HAVE LEFT THE HIGH SCHOOL
DURING THE SCHOOL YEAR 1918-19.

	Boys.	Girls.	Total.
8's,	1		1
7's,	8	7	15
6's,	12	7	19
5's,	16	13	29
4's,	25	20	45
3's,	23	23	46
2's,	17	34	51
1's,	35	33	68
	<u>137</u>	<u>137</u>	<u>274</u>

CAUSES FOR LEAVING.

	Boys.	Girls.	Total.
Illness,	13	25	38
Needed at home,	0	7	7
Neglect of school work,	38	4	42
Went to work,	59	67	126
Moved from city,	14	10	24
Went to other schools,	13	22	35
Death,	0	2	2
	<u>137</u>	<u>137</u>	<u>274</u>

GRADUATES ENTERING HIGHER INSTITUTIONS.

	Boys.	Girls.	Total.
Brown University,	1	2	3
Colgate University,	1		1
Dartmouth College,	4		4
Massachusetts Institute of Tech- nology,	2		2
Norwich University,	4		4
Oberlin College,	2		2
Tuft's Medical College,	1		1
Worcester Polytechnic Institute,	1		1
Simmons College,		3	3
Wellesley College,		3	3
Massachusetts College of Osteo- pathy,	1		1
Bridgewater Normal School,		16	16
Fitchburg Normal School,		6	6
Boston Normal Art School,		1	1
Springfield Library Training School,		1	1
New England Conservatory of Music,		1	1
	17	33	50

SUPERVISED STUDY.

The most important change that has been made in the administration of the High School during the past ten years was the introduction of the new method of class management called "Supervised Study".

For this change we have received our full measure of blame and praise. We received what we expected. Anyone who has studied the history of education knows that nearly every new plan or policy in educational methods or school organization and administration has been opposed. Almost all progress in education has been won slowly after overcoming opposition that has often been bitter and stubborn. Comparatively few people realize that most of the controlling ideas in our educational practice and most of the great educational institutions of which we are proud today were fiercely denounced and vigorously opposed when they were first proposed, and that they won recognition and support only after persistent opposition.

I do not believe it is desirable in this report to give again in detail the reasons for introducing the new plan into high schools. These have been given several times. It might be serviceable, however, to restate some of the principal facts.

The American High School is a unique institution. There is nothing like it elsewhere. The first public high school in the United States is not one hundred years old. For many years the growth of high schools was very slow. In fact, it is within the past fifty years that the public high school has become firmly established in the United States. As late as 1867 the United States Commissioner of Education reported that there were only forty public high schools in this country. In 1915 there were 11,500 public high schools, an increase of nearly 30,000%. The increase in population in that time was only about 150%. In 1867 there was only one public high school to every 950,000 of the population; in 1915 there was one to every 8,500.

But with the growth of American high schools by leaps and bounds there came convincing evidence that this growth was far in advance of its efficiency. It apparently did not accomplish what it set out to do. Careful investigations have revealed the facts that comparatively few of the pupils who confidently begin a high school education remain long enough to complete it. It became equally evident that while the number of pupils attending the high schools was astonishingly large the attendance was confined mostly to the first and second years. Between fifty and sixty per cent. of pupils drop out of school at the end of the second year, and only twenty-five to thirty-five per cent. of the pupils remain to complete their high school education. The exact figures as published in the School Review of January, 1918, are as follows:

Table showing by geographical divisions the number of pupils who enrolled in the first year in 1910, and of this number those who graduated in 1914.

	Entered in 1910.	Graduated in 1914.	Percentage.
North Atlantic,	136,470	46,331	34
North Central,	156,303	70,824	33
South Atlantic,	30,418	10,226	30
South Central,	44,092	13,444	42
Western,	45,052	15,769	35
United States,	421,325	156,591	37

Table showing by divisions the number of pupils who enrolled in the first year in 1911, and of this number those who graduated in 1915.

	Entered in 1911.	Graduated in 1915.	Percentage.
North Atlantic,	145,598	40,008	22
North Central,	181,171	75,376	41
South Atlantic,	34,384	11,195	32
South Central,	51,061	15,106	29
Western,	49,174	18,340	37
United States,	461,228	169,014	36

The evidence given by the College Entrance Examination Board in its report for 1919 is also remarkable. The academic work in the high schools has been dictated almost entirely by the colleges. They have prescribed the kind and measured the amount that shall be taught, and educated the teachers who are to teach the subjects. Our academic work is almost wholly the work prescribed by the college entrance requirements; therefore, the aim and the standard of high schools in these subjects have been to prepare pupils for the college entrance examinations.

Judged by these college requirement standards the secondary schools of this country have been and continue to be inefficient in accomplishing what they aim to do. The following figures are quoted from the official report of the examinations held June, 1919, by the College

Entrance Examination Board. These figures may surprise people who are not familiar with these reports year by year. It should be noted also that these figures include the pupils of the private secondary schools as well as the pupils of the public high schools.

A COMPARISON OF THE ORDINARY EXAMINATIONS
1915-1919. OLD PLAN.

Ratings	Per	Per	Per	Per	Per
Per	Cent.	Cent.	Cent.	Cent.	Cent.
Cent.	1915	1916	1917	1918	1919
90-100	4.1	3.1	5.2	5.4	2.9
75- 89	18.5	17.6	16.8	18.1	16.2
60- 74	29.6	28.8	30.9	31.9	31.1
60-100	52.2	49.6	52.9	55.4	50.2

In 1919, only 50.2 per cent. received the pass grade of 60 per cent. or higher.

In addition, of the pupils who took the "New Plan" examinations, only 48.8% received 60% or higher. Another unpleasant revelation is that of 52,420 answer books examined only 136 received a mark of 90% or higher. Is it not time for educators, school committees, parents, and citizens to realize what the schools are actually producing in their final results.

What are the reasons for so many failures? There are several, but it is clear that the principal reason is not in matters of building, equipment, organization of schools, or supervision, but in the class room work of teachers and pupils. The life of the school is focused on the class period. What and how the pupils study and recite in their classes determines the success of any school.

It is obvious then that in order to increase the efficiency of our high schools we should concentrate our attention on the class room work of the pupils. It is the realization of this fact that has caused the adoption of the class-room reform, called "Supervised Study".

The Professor of Secondary Education in Harvard University, Dr. Alexander Inglis, has described supervised study admirably as follows: "One of the most promising of recent reforms in secondary education involves the reorganization of class-room instruction in the form of combined recitation, teaching and study. In brief the plan involves increased time allotted to the class meeting, with provision for 'study' under the direct supervision of the class teacher. Introduced at first for the primary purposes of providing opportunity for study under favorable conditions and of affording opportunity to train pupils in the art of study, it bids fair to revolutionize the class meeting into a vastly more effective instrument of education. Its advantages are numerous: (a) it reduces the amount of study to be done outside of the school where conditions are frequently such as to render effective study impossible; (b) it provides for study under the most favorable conditions during school hours by bringing the pupils' study under the direct supervision and guidance of the class teacher; (c) it affords an opportunity for the teacher to train pupils in effective methods of study both as related to learning in general and as related to specific studies; (d) it makes possible more effective provision for individual differences among pupils of the same class; (e) it makes possible the transformation of the class meeting from a period largely devoted to testing to a period devoted to real instruction; (f) it makes possible an effective distribution of the time to 'recitation,' the presentation of new material, and study; (g) it permits the 'checking up' of the work of the pupil at every step in the learning process, thus practically eliminating the necessity for testing pupils during the class 'recitation,' making dishonest work all but impossible, and enabling the teacher to give aid at the point where aid is most needed."

The reasons generally given in opposing supervised study are these: 1. It necessitates a longer school day.

2. It costs more, because it requires more teachers. 3. Lunch time cannot be made satisfactory. 4. Some teachers cannot or will not cultivate new teaching methods that the skillful use of the new plan requires. 5. Some teachers use the supervised study periods in talking, or in sitting at the desk correcting papers, etc., instead of giving pupils the full time for study and going among them, assisting and guiding them in the mastery of the lesson.

Let us examine each of these objections. 1. The fact that the new plan necessitates a longer school day has proved to be the most effective objection made to prevent its adoption. The five hour, one session school day, is so firmly established in high schools that any demand to lengthen the day to six or seven hours meets with instant opposition. And yet no one gives a more valid reason for maintaining the five hour day than, "it is the old custom". The pertinent question whether the reasons that existed many years ago for the five-hour session exist today does not receive much consideration.

Modern high schools are exceedingly costly institutions. Why should we insist that they be used only five hours out of the twenty-four? Why should they be vacant so much and used so little? Those who favor supervised study maintain that as the school building is planned and erected specially for educational work; that as it supplies necessary books, equipment, and the instruction and leadership of trained teachers, and the stimulus to study that is communicated through association with fellow pupils working together to obtain an education, the school building provides the most favorable conditions for pupils to do their studying. Therefore, it should be kept idle for ornamental purposes less, and efficiently used for school purposes more. All vocational schools, textile schools, engineering schools, professional schools, colleges, and universities have morning and afternoon sessions and longer

hours. There are no sound reasons remaining today for maintaining the five-hour day in high schools.

The second objection made is that it requires more teachers. This objection is true only when a school is inefficiently organized. We have demonstrated in New Bedford that the new plan does not require more teachers.

3. The luncheon time objection is the weakest of all because the luncheon time never could be made satisfactory to all parents and pupils under the old plan. Many pupils live in the blocks surrounding the school; others live at the extreme north and south ends of the city; some pupils desire to go home for their luncheon; more than one-half of the school desire theirs at the school or at downtown restaurants. It is impossible to arrange a luncheon time or place that would be satisfactory to all.

4 and 5 may be answered together. Let us admit that both are true, but should we object to a plan of work because some teachers cannot or will not make the proper use of it? If the plan is scientifically sound and can be made highly practicable, it is our duty to persuade, or to require, teachers to adopt the new methods of class teaching. Classes are maintained for the benefit of the pupils, not of the teachers. Teachers who are so unprogressive that they will not adapt themselves to new conditions, or so unprofessional that they will refuse to give the best service of which they are capable to their pupils, have no moral or legal right to remain on the teaching force.

Supervised study is now on trial in the New Bedford High School. Has the efficiency of the school been increased through its adoption? What are the actual results during the first year of its trial in New Bedford? Answered briefly, it has improved the efficiency of the school. It also gives promise that its efficiency will increase each year as we gradually learn the principles and master the technique necessary for the skillful management of the new plan of class room work. Educational authorities are con-

vinced that supervised study is based on sound psychological and pedagogical principles. They are agreed also that the most successful results cannot be obtained until teachers be given sufficient time to learn and master the methods of teaching that it requires.

A summary of the actual results of supervised study in our High School is exceedingly difficult to give. It is impossible to make a fair comparison between the work of last year under the new plan and the work of the previous year under the old plan. The conditions vary too widely. The school was closed more than four weeks because of the epidemic. One week of this we made up during the Christmas vacation. Many pupils and teachers were absent, not only during the time we were closed for the epidemic, but throughout most of the year. Some of the classes were without teachers for many days and some of the classes had from three to five different teachers during the school year. Under these conditions the work of the year was exceedingly difficult. However, after a careful comparison of the statistics of both years I submit these general conclusions. During last year we did as much work (several of the teachers say they did more work) as we did in the previous year of forty weeks. The number of pupils who left school during last year was reduced to 50% of the number who left the preceding year. The scholarship of the pupils also ranked higher last year. The number of pupils who received between 90% and 100% was increased 1.6% and the number of pupils who received between 80% and 90% was increased 5.9%. It will be seen, therefore, that although we had only thirty-seven weeks in which to do the work of forty weeks, a larger proportion of pupils remained in school, and a larger proportion received higher scholarship ranks than they did in the previous year.

THE OPINION OF THE TEACHERS.

The teachers were asked at the end of the year to answer the following questions: Do you get better preparation from your classes? Are you able to give more individual help? Does a larger proportion of your pupils do satisfactory work? Do you think the recitation-study plan is better than the old plan?

Only six teachers answered any of the questions unfavorably, and only two expressed themselves unfavorably on all questions.

I believe that the facts we have been able to gather and the impressions that we have received of the plan of supervised study in our High School thus far have been favorable. I believe we have secured better results than we did under the old plan.

Respectfully submitted,

G. WALTER WILLIAMS.

Report of Principal of Evening High School.

Mr. Allen P. Keith, Superintendent of Schools:

Dear Sir:—I respectfully submit the following report of the Evening High School for the year 1918-1919:

Preliminary registration was held the first three evenings of the first week in October. Then the influenza epidemic intervened and it was not until Nov. 4 that the first session opened. Two weeks of the time thus lost was made up during the customary Christmas recess. Usually this recess is for three weeks. This session, however, we were obliged to take but one week, an advantage, not alone in making up time, but in keeping the continuity of the session. The remainder of the time lost in starting was made up by extending the regular session two weeks in March and April. The regular session, during which eleven classes were conducted, ended on April 7. By vote of the School Committee, however, a special session of three classes—French, Civil Service and Bookkeeping—were continued until the night of May 29. For the first four weeks of this special session the classes met the usual three evenings per week, but for the last three weeks they met but twice each week. This special session was very well attended and the per cent. of attendance was high. I believe it was a good investment.

The total enrollment for the year was 451, which was 66 smaller than the preceding year, the large decrease being due entirely to boys. The girls' enrollment, 302,

was practically the same as the preceding year, 304, but the boys' enrollment fell off from 213 to 149. The average membership was 163.4 and the average attendance 126.7. Both these figures are smaller than the preceding year, but this is due very largely to the fact that during the extension of the session only three classes were held and this, naturally, brought down the average for the regular session, so a real comparison with the preceding year is impossible. The percent. of attendance, 77.5 shows an improvement over the 74.2 of the preceding year.

The usual classes in Bookkeeping, both elementary and advanced; Accounting, Stenography, both elementary and advanced; Typewriting, Penmanship, Arithmetic, French; Civil Service, both elementary and advanced, and Mathematics were conducted. In addition a gymnasium class for women, under the able direction of Miss Elva M. Parker, was held two evenings each week during both the regular and the special sessions. This class was very largely attended; in fact it was necessary to have a waiting list for a greater part of the year, and the pupils showed great enthusiasm in the work. The attendance of this class, however, is not included in the regular school record. For the first time in the history of the school a class in Spanish was conducted. This class started a week after the regular session opened, but gained in numbers and did very creditable work. The pupils were interested and the attendance was kept up to the end of the session. At the request of the pupils, this class met only two evenings each week. The attendance in all classes was very uniform, no class falling down in numbers to a point where it was necessary to drop it out.

In looking up the records of the cost per pupil of the Evening High School, I find that last year was the least expensive since 1912, beyond which records I did not go. The cost per pupil in 1912 was \$17.05. Last year the cost was \$7.73. The average for the seven years is \$10.36.

Thus last year showed a saving of \$9.32 per pupil over 1912 and a saving of \$2.63 per pupil over the average for seven years. This saving has been effected, in spite of the heavy increase in cost of materials, through economies of various natures and through better organizing possibilities. The session just ended will probably show a slight advance over last year's figures, as the overhead charges for the much smaller special session will increase the cost per pupil for the entire school.

I believe the special session was a success and that it would be a good policy to run the Evening High School on an indefinite session plan; continuing classes until their attendance no longer warrants the expense and continuing the entire school until the size of the school no longer warrants the expenditure. The limits of the session should be fixed as the first Monday in October and the last Thursday in May. I so recommend.

Respectfully submitted,

A. R. DORMAN.

Report of Supervisor of Drawing.

Mr. Allen P. Keith, Superintendent of Schools :

Dear Sir:—Herewith is submitted a report of the work of the Drawing Department for the year 1919.

The past ten years have seen many changes in methods of teaching, in the teaching of drawing as well as in other subjects in the school program. "Drawing for use" is the strongest argument for the use of drawing. Also we find it correlating on the illustrative side with geography, history, arithmetic, language. At present in the grades boys and girls follow the same program of hand-work. It would be to the advantage of both could this be differentiated. Accurate work and constructive thinking are necessary for girls as well as for boys, yet the problems which they meet after leaving school are likely to be different in character and to call for a different application of constructive design. With the coming of the Junior High School it is hoped that some arrangement may be made for this difference of work, allowing the boys more opportunity for practice along mechanical lines and in the case of the girls substituting some form of design applied to needlework.

Greatly needed are good examples for the children to study—something to give them a standard of work. The old drawing-books, whatever their disadvantages, had the merit of giving the children illustrations of beautiful things conceived by master minds and executed by trained

hands. In this respect nothing has yet taken their place. Some new drawing models also, such as pieces of good pottery, would be much appreciated.

In the spring term a good deal of effort was given to poster making for the Victory Loan. Through the courtesy of the library officials an exhibition of Victory Loan posters made by public school pupils was shown at the New Bedford Public Library. Only a comparatively small number of the hundreds of posters could be displayed in the limited space, but, during the fortnight in which they remained on the walls the sheets were each day changed so that different schools might be represented. The children came to see and brought their parents. The posters showed good lettering and arrangement and much ingenuity of thought and expression. The primary object of this work was to stimulate patriotism and to aid in the raising of the Victory Loan, but it has reacted favorably upon the general drawing, resulting in desirable boldness and freedom of line and color.

At the close of the spring term Miss Hastie resigned from the department and Miss Ruth M. Clapp, a graduate of Pratt Institute, a teacher who has also had experience in teaching in the grades, was appointed.

When the Christmas play was given at the Robert C. Ingraham School the costuming was taken up as a class problem by the eighth grade pupils, and under the guidance of the teachers the costumes were planned and executed by the children. The teacher in charge says, "The planning and costuming of the play has shown an unexpected ingenuity and resourcefulness in many of the pupils."

A number of the grammar school pupils are members of the Saturday morning classes at the Swain Free School of Design.

The supervisors now include the special classes in their visits. It is not advisable, of course, to attempt to follow

the outlined program used in the grades, but, as in the rural schools and conservation of eyesight classes, a special program is made.

Careful attention is being paid in physical training lessons to the posture of the children, especially when at their work and this care should not be allowed to relax in the drawing lesson. The position of the body and placing of the paper on the desk differs from that required in the writing lesson and it is necessary to speak more of drawing position now than when vertical writing was in use. While there need be no set rules for position, a comfortable seat well back in the chair with both feet on the floor, straight back, paper edges parallel to the edges of the desk and the paper brought towards the front of the desk that the head may be kept up, with freedom of arm movement, makes for better and confident work. The narrowed chest and drooping shoulders should be guarded against.

Drawing is something more than drill and if it is to amount to anything must be an expression of the pupil's thought; the teacher's task is to show him means to express his thought, but the expression should be his own. A drawing exercise should be analyzed, planned and taught with care; and that is not a profitable use of the drawing time if the teacher provides the thinking while the children furnish the hands. Self-reliance should be inculcated in the drawing lesson as in all our school work.

In looking over the year's work of the pupils we miss something of the finish which has always distinguished our drawings, but if we have gained in force, directness and individuality perhaps that may in some measure offset the lack. Our ideal must be to keep the vigor which may have been obtained while striving also to attain an admirable finish.

Respectfully submitted,

LUCY C. BEDLOW.

Report of Supervisor of Vocal Music.

Mr. Allen P. Keith, Superintendent of Schools:

Dear Sir:—I take pleasure in complying with your request by submitting a brief report of the work accomplished in my department during the last year.

I will state in the first place, that a great deal of stress has been laid upon the fact that conservation of the voice and cultivation of the tone-quality are the principal objects in connection with music in our schools. For, if a child's voice is ruined by being allowed to sing at the top of his or her lungs, it is surely of little use for that child to waste any time in learning sight-singing. Of course, the study of sight-singing helps in the study of instrumental music; but as that only benefits a small proportion of the children in our schools, it is obvious that the great point is to look after their voices and treat them very carefully.

In the lower grades a great deal of care has been exercised in the treatment of voices. My assistants have cooperated with me very faithfully in that particular respect, and we are getting to the point where children are singing with "children's voices."

In the upper grades, where the voices change to maturity, I have taken personal charge of every individual case. I have examined hundreds of changing voices each term and have given advice to the children and suggestions to the teachers. Hundreds of voices have been absolutely

ruined, each year, by allowing children going through that changing period, to sing with a harsh, unpleasant tone which is most injurious. With the present system, voice straining is being eliminated and the result will be more and better singers.

As to sight-reading, I can report as much improvement as is possible with the very short time allowed for this subject. The introduction of new books has been a great help in that respect, and I feel we are gaining noticeably each term.

In the High School the interest in vocal music is on the increase. Whereas a good many pupils were previously taking music to secure the credit of a few points, I can say that that condition has practically disappeared. We have now a more serious interest in the actual study of music. And, with the introduction of courses in music appreciation which I am now starting, I believe that a new interest will be aroused, and that several pupils will want to take advantage of the splendid opportunities now offered.

I would further recommend compulsory singing for all freshmen who have any musical ability. This would improve musical conditions in the High School and would increase the interest in a school subject which is gaining more and more in importance the country over.

We are also giving, on January 16, the first of a series of "Concerts for Young People" for the purpose of giving to our school pupils the opportunity to hear music properly rendered by competent artists. At the first concert, a picked chorus from the seventh and eighth grades of our grammar schools will furnish the choral music. This adds a great deal of interest to the whole matter and is a great incentive to the children.. It is a big event which makes them appreciate furthermore the music courses offered in our schools.

Finally, I wish to express my sincere thanks to all the teachers who have so splendidly co-operated with the methods of this department and to assure you of my deep appreciation for your many courtesies.

Respectfully yours,

RODOLPHE GODREAU.

Report of Grade Supervisor of Physical Training.

Mr. Allen P. Keith, Superintendent of Schools:

Dear Sir:—I respectfully submit the following brief report of the Physical Training Department:

The belief that any kind of movement, regardless of how it was executed, was beneficial as an exercise, has been replaced by a better understanding of hygienic gymnastics. As a result, a great improvement in the quality of the work can be noted.

Requests are constantly coming in from the children and the parents, for special and extra work for home use. This is true this year more than ever before, due partly to the great number of cases of round shoulders resulting from the influenza.

I feel that the splendid co-operation between this department and the nurses has been the means of gaining much ground. Many cases have been brought to my attention by them. A number of cases have also been reported to me by the New Bedford Children's Aid Society, at the suggestion of the doctors.

At the request of the kindergarten teachers, I have put them on my schedule this year. Here the underlying principles of the work are adhered to in an informal way.

The results of the card system in many of the ungraded classes have been very pleasing. The work in these classes has been more or less of an experiment. We have

tried many different methods of exercise, but none has proved so satisfactory as the present system, which was started last year.

This fall I examined the backs of all the children on my first visit to the schools. Necessarily this examination was only superficial, yet many defects were found. The more serious cases were reported to the nurse and school physician for a more thorough examination. After receiving the report from the nurse or doctor, the children were given special corrective exercises.

Much could be done in this branch of the work if time permitted. So many of these cases require exercises which should be taken under supervision for a time at least, that at present we can reach only a small percent.

The work Miss Stuart has been doing in applying the principles of good posture to all studies, has brought the posture standard up remarkably.

The proposed Massachusetts Health Education Law will without any doubt be passed in the near future. Most of the requirements of this bill have already been met here in New Bedford. The bill calls for sixty minutes of systematic health instruction, physical exercise, and recess play during each school day. I believe a means of meeting this situation can be found with very little change in the curriculum, at any rate in the primary grades. The present time given in the grammar grades is far too short, and all out of proportion to the time given in the primary and high schools, their period of physical training being fifty minutes a week, and hygiene thirty minutes; whereas the primary is given sixty minutes for physical training, one hundred seventy-five minutes for recess play, and several short periods a week for hygiene talks.

Organized recess work is to be started in all the primary schools. In talking over this work with the prin-

cipals, I found the majority agree that the children need to be taught games. There are few schools where there is a real spirit of play in the yard. Few games if any are played. Children in all parts of the city seem to be familiar with the same small group of games. Very few of these call for any degree of team work or vigorous exercise. The old "stunts" have practically vanished. The organized recess will in the primary grades help meet the time requirements for physical training in the state bill above mentioned.

The women's gymnasium classes in the Evening High School continued until the last of May with a large attendance. This year our classes were filled before the opening night, and the waiting list has not been exhausted.

The earnest co-operation of the teachers and principals has always made my work here a pleasure.

In conclusion, let me thank you for your many valuable suggestions.

Respectfully submitted,

ELVA M. PARKER.

Report of Playground Supervisor.

Mr. Allen P. Keith, Superintendent of Schools:

Dear Sir: I herewith submit the report of the Supervisor of Playgrounds for the season of 1919.

The session opened July 7 and continued until August 22, a period of seven weeks.

The general work of the playgrounds was changed but little from the methods of the preceding year. The idea of keeping the play of the children free and open, rather than set and formal, has demonstrated itself to be the most successful method used on our playgrounds. This idea has been carefully followed and while there has been definite organization of the play, the organization has not been forced to the front to the exclusion of freedom for the children. Organized games have been employed where such were demanded, but to a large extent the children have been left free to choose the form of their entertainment and sports. The instructors have led, suggested and demonstrated, but never forced.

The usual athletic sports for the boys have been held in the forenoons and all the boys have been encouraged to enter into them, no one has been excluded because of inability. The object of these sports has been to develop the boys along physical and sportsmanship lines—not merely to develop one or two boys for the field-day exercises. True, the best boy from each ground represented that ground at the field-day sports, but the object of the field-day sports

was purely competitive, not generally instructive. General instruction was given on the individual grounds throughout the seven weeks, while the field-day provided an opportunity for competition between individuals representing the grounds and for the enthusiastic support and practical demonstration of sportsmanship on the part of the masses.

The same principle has been applied to the games, dances and drills for the girls. All the children have been encouraged to join in these forms of entertainment and exercise. Not all have wished to do so and in those cases there has been no forcing—the principle of freedom of decision applied to all the work.

Because of the excessive cost of materials and the smaller appropriation allowed, no activities such as weaving, sloyd or knitting were attempted. The work was varied, however, by numerous picnics and swimming parties; the instructor taking groups of children on such excursions as often as enough children showed the desire to go.

The force of instructors this year has been fully up to the standard set in the past—and that is certainly a high one. There was considerable difficulty in securing enough men with the proper qualifications to fill all the positions open and two grounds were opened and ran throughout the season without athletic coaches, the larger boys at these grounds attending other nearby grounds. This arrangement worked out very satisfactorily.

The weather throughout the summer was not especially favorable to outdoor play, more time having been lost than in any year of the five preceding years. This has naturally had a decided effect on the attendance and yet the records show a slight increase over the preceding year. The average daily attendance for the eight playgrounds was 1,032, as against 1,000 for the season of 1918. Follow-

ing is a table showing the daily average attendance at each of the playgrounds:

Playground.	Daily Attendance.
Cedar Grove St.,	223
Hathaway,	136
Congdon,	134
Lincoln,	120
Kempton,	116
Knowlton,	113
Ingraham,	104
Donaghy,	86
	<hr/> 1,032

The annual field-day was held at Buttonwood Park Thursday, Aug. 21. There was an approximate attendance of one thousand. The children were assembled at their playgrounds at nine o'clock in the forenoon and transported to the Park in electric cars. At four-thirty in the afternoon they were taken home in the same manner. From appearances and actions one would judge that they had experienced a very happy day. Following is the field-day program:

MORNING.

- Boys' 75-yard Dash.
- Girls' 50-yard Dash.
- Boys' Potato Race.
- Boys' High Jump.
- Girls' Baseball Throw.
- Boys' Standing Three Jumps.
- Boys' Running Broad Jump.

AFTERNOON.

1. General Exercise for all Playgrounds.
Indian Club Drill.

2. Folk Dance—Ostend—All Playgrounds.

3. Special Events.

1. Highland Fling—Hathaway.
Sword Dance—Hathaway.
2. Hoop Dance—Congdon.
3. Rainbow Dance of the Elfin—Knowlton.
4. Irish Lilt—Ingraham.
5. Daisies and Butterflies—Kempton.
6. Rose Dance—Lincoln.
7. Milkmaids' Dance—Cedar Grove St.
8. Scarf Dance—Congdon.
9. Flowerette Waltz—Knowlton.
10. Virginia Reel—Hathaway.
11. Victory Ribbon Dance—Donaghy.

4. Folk Dances—All Playgrounds.

1. Partner's Greeting.
2. Coming Thro' the Rye.
3. Bean Porridge Hot.
4. Tantoli.

5. Championship Newcombe Game.

Kempton (north) vs. Congdon (south).

6. Championship Baseball Games.

First Teams—Lincoln (north) vs. Congdon (south).

Second Teams—Lincoln (north) vs. Congdon (south).

WINNERS.

Athletics—Lincoln.

Newcombe—Kempton.

Baseball—First Teams, Congdon.

Second Teams, Congdon.

Eight years of work on the New Bedford playgrounds—the last five as supervisor—have given me a point of view that I wish to incorporate in this report. I believe that the playgrounds as at present located are not giving the greatest efficiency of which they are capable. This is not due to the manner in which they are conducted or to the attitude of the workers; it is due to the fact that they are located on school grounds which are ill-suited to the purpose. The grounds are small, lacking in shade and inadequate in many other ways. I believe the playgrounds should be co-ordinated with the other forms of recreational effort conducted by the city and placed under one head. I believe that they should be taken away from the school buildings, consolidated to some extent and given proper area and equipment. Wherever possible they should be located in the public parks. A suitable area should be provided in the Cedar Grove Street district, where we now have the largest attendance on the smallest playground in the city. The three grounds located in the south end should be consolidated and placed on Ashley Park—an ideal situation. These, and other changes that should be made, would cost money, but the advancement of the well-being of the children of the city of New Bedford would make the expenditure more than worth while.

Respectfully submitted,

A. R. DORMAN.

INDEX TO REPORT OF SECRETARY.

Calendar, 1920	22
Description of schoolhouses	19
Financial Statement:	
Cost by departments	10-11-12
Population and valuation	3
Receipts and expenditures	6-7
Statement of supplies	13
Table of expenditures	8-9
Per pupil:	
Cost by departments	10-11-12
Cost for books and supplies	14
Total cost	5
Graduates, number of	18
Office of Superintendent of Schools	23
Statistics:	
Age and schooling certificates issued	16
Attendance of pupils	14
Average ages in grades	15
Rates of tuition	20
Report of attendance officers	17
Reports of promotions	29
Salary schedule	20-21
School Board, Organization of	24
School Census	3
School Organization	4
Table of children in grades	28
Teachers and janitors in service	25
Teachers—Appointments and resignations	26-27

INDEX TO REPORT OF SUPERINTENDENT
OF SCHOOLS.

Report of Superintendent	30-41
Assistant Superintendent of Schools	42-50
Supervisor of Drawing	67-69
" " Vocal Music	70-72
" " Physical Training in Grades	73-75
" " Playgrounds	76-80
Principal of High School	51-63
" " Evening High School	64-66

NEW BEDFORD VOCATIONAL SCHOOL

ANNUAL REPORT

OF THE

BOARD OF TRUSTEES

FOR THE

YEAR 1919-1920

NEW BEDFORD, MASS.:

NEW BEDFORD PRINTING CO., PRINTERS

1920

BOARD OF TRUSTEES

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Allen P. Keith, Secretary.

Term expires February, 1921 Term expires February, 1922

Frank S. Tripp

Edgar B. Hammond

J. Eccleston

D. W. Beaman

J. B. Strongman

Mrs. Caroline H. Wilson

Term expires February, 1923

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William Ritchie

Patrick Sweeney

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Mrs. Mary E. M. Duffy

Miss Jane E. Conway

Mrs. U. E. Collette

Miss Helen Gifford

Miss Mildred Carpenter

FACULTY

William R. Mackintosh, Director
Elmer Ricketson, Clerk.

DEPARTMENT OF RELATED WORK

Arthur P. Whipple, Head of Department

Instructors :

Victor E. Mello J. C. Gorner

MACHINE DEPARTMENT

W. A. Pittendreigh, Head of Department

Instructors :

Nelson C. Morse T. J. Mulvey
J. E. Gilman T. A. Barnes
H. Steadman

CARPENTRY DEPARTMENT

Oliver H. Gardner, Head of Department

Instructors :

Charles A. Wilson Frederic Tripp

POWER DEPARTMENT

H. Percy Arnold, Head of Department

Instructors :

Charles A. Foley Sylvanus Maker
Benjamin P. Pease

ELECTRICAL DEPARTMENT

C. W. Donovan, Head of Department

Instructors :

O. C. Johnson William Vander
L. I. Jenkins

HOMEMAKING DEPARTMENT

Mildred G. Horne, Head of Department

Instructors :

Sewing	Millinery and Design	Cooking
Anita Jennings	Alva Glidden	Gertrude C. Lowe
Mrs. Nellie F. Dunn		Francis M. Bradley

Part-time Instructors :

Physical Training	Hygiene
Elva M. Parker	Florence Ricketson

Special Evening Instructors :

Mary E. Augherton, Supervisor
Assistant Supervisor, Mary E. Furlong

Sewing :

Elizabeth McAvoy	Louise Perry
Alice McGuirk	Margaret Keavy
Anna Fabrey	Margaret Chadwick
Mary P. McCarthy	Katharine D. Duffy
Nora Dehoney	Elizabeth Killigrew
Mary J. Halloran	Mary L. Doherty
Elizabeth Ennis	Kathryn R. Mulligan
Mary A. Murphy	Mary E. Hughes
	Helena A. Whelan

Millinery :

Lizzie Tessier	Clotilde Oliveira
Mary E. Yates	Lillian M. Browning
Laura E. Provost	Helena Gleason
Margaret V. Smith	Katherine Dorgan
Winnifred Hannigan	Edith Duerden
	Emily Maynard

Cooking :

Mary H. Shea	Bessie Wollcott
	Dorothy B. Fifield

Home Nursing :

Mrs. Mary C. Putnam	Miss Irene Sullivan
	Miss J. Irene Eldredge

CALENDAR, 1920

TERMS

Spring term begins Feb. 2, 1920; ends June 25, 1920.

Fall term begins Sept. 8, 1920; ends Feb. 4, 1921.

VACATIONS

Spring vacation, one week, beginning March 29, 1920.

Summer vacation, ten weeks, beginning June 25, 1920.

Christmas vacation, two weeks, beginning December 20, 1920.

HOLIDAYS

Washington's Birthday, February 22

Patriots' Day, April 19

Memorial Day, May 30

Columbus Day, October 12

From Wednesday noon before Thanksgiving the remainder of the week.

ENROLLMENT

DAY SCHOOL

Total enrollment, 152

Part-time, 15

EVENING VOCATIONAL SCHOOL (For Men)

Classes, 20

Enrollment, 360

EVENING PRACTICAL ARTS (For Women)

Classes, 65

Enrollment, 950

Classes held in eleven different school buildings.

AVERAGE DAY ATTENDANCE BY DEPARTMENTS
FOR THE FIRST FOUR MONTHS OF THE
YEAR 1919-1920

Carpenter Shop, average attendance, 86.18%

Electrical Dept., average attendance, 91.75%

Machine Shop, average attendance, 91.90%

Girls' Dept., average attendance, 93.03%

Power Dept., average attendance, 99.01%

Average for entire school, 92.37%

ITEMS OF INFORMATION

The school is located at the corner of Cannon street and Acushnet avenue.

School sessions from 8:30 a. m. to 12 m., and from 12.45 p. m to 4.15 p. m. There are no sessions on Saturday.

Office telephones are: Bell 2424; Automatic 1149. Shop telephone: Bell 573.

It is the practice of the school to notify the parents of pupils whose work is below the standard. If pupils continue to do poor work, the parents are advised to take them out of school.

A complete trade record of each pupil is kept, showing the kinds of work done and the time spent on each. This record is checked by the state, and by this method of supervision the boy is assured of a well balanced trade training.

Pupils are allowed the following number of hours lost time: First year, 60 hours; second, 50 hours; third, 40 hours; fourth, 30 hours. When the allowance for delinquencies is exhausted, the pupil is expelled from school.

Penalties for disobedience, inattention and unsatisfactory work are fixed at the time the offense is committed.

Mr. William S. Davenport, treasurer of the Davenport Machine and Tool Company, has donated prizes consisting of valuable machinists' tools to be given the boys holding the highest ratings in their respective sections for the year. The ratings are based on shop work, class work, deportment and attendance.

The number of instructors in the day and evening schools is 58. The total enrollment of the school is 1,477.

Evening classes in Household Arts are held in 11 of the public schools, besides the Vocational school.

These 11 schools are so located as to divide the city into equal districts, each school serving as a centre for its own particular district.

Prizes are awarded each year in the Household Arts Department for the best loaf of bread and the best apple pie. The bread is the work of the first year pupils, the pie the work of the second year pupils.

About 70% of the boys' time is spent in the shop; the rest of the time is spent in the class-room studying subjects related to his trade.

The school certainly enjoys the new floor in the gymnasium. This hard wood floor was laid by first year students from the Carpentry Department.

The Motor and Chassis division of the Auto Course put the Ford and Chalmers engines and chassis in such good condition that they will be used for delivering work done by the school.

The Power Department enjoyed one of its best years in its night class, conducting four different classes with an enrollment of over one hundred men.

The girls now have lockers and a dressing room in the west balcony of the gymnasium. The head of the department reports that this has given quite an impetus to the girls' gymnasium work.

Girls are required to take physical culture once a week. This work is under the supervision of Miss Elva Parker.

Owing to the severe winter it was impossible to conduct setting-up exercises in the yard. In place of these exercises a basketball league was formed which consisted of teams from the different departments. The student body was required to attend these games, and a lot of spirit was shown. The championship was won by the Power Department.

This year an orchestra was started under the supervision of Mr. Clarence W. Arey, Supervisor of Music in the city schools.

A party is held, if possible, once a month during the school year. These parties are conducted by the students, who make all arrangements for tickets, music, etc.

A banquet was tendered the Baseball Team by the Faculty of the school. About forty were present, including several of the Trustees of the school. The food was prepared and served by the girls of the Day Household Practical Arts Department.

The average attendance for the Power Department for the month of December was 98%.

The change in the hours of the Evening Classes from 7.30—9.30 o'clock to 7.00—9.00 o'clock was found to be favored by a majority of the pupils. The change in the hours was made due to the fact that the mills and shops close at 5 o'clock.

The 90 outlet job done by the boys of the Electrical Department, at the Middle Street School is one of the largest jobs that has been undertaken by any school in the State.

Lockers have been added to the Machine Shop for the use of the evening pupils. The pupils make a deposit of twenty-

five cents as a security against loss of keys which is returned to them at the close of the season.

The day school percentages of attendance, taken from the State Record Cards for the first four months of the school year, averages 94 per cent.

The enrollment of the school includes students from 13 surrounding towns.

Educational trips are taken by the boys in the different departments at some time during the year. This year the Electrical Department boys went over the Taunton plant of the G. E. Co., while boys in the Machine Shop took in the plant of the Morton Grinder Co. at Providence.

Residents of New Bedford may attend the school without charge. There is a tuition charge for pupils from surrounding towns, this expense being borne by the State and town from which the pupil comes.

ELECTRICAL DEPARTMENT

It is the aim of this department to give the student a good foundation in the fundamental principles of electricity, that is, he is taught good mechanical construction in interior and mill lighting, the use of the many electrical fittings and appliances, construction and care of motor and generators, testing of same, telephones, magnetos, batteries and switchboards.

The power equipment of this department consists of a six panel switchboard, on which are mounted all the necessary instruments. There are two 13 Kw. 125-volt compound generators; one 20 H. P. 550-volt 3 phase A. C. induction motor, which drives the two 13 Kw. generators. The generators are so arranged that they may be run separately or together in series or parallel.

New telephone apparatus, consisting of complete magneto and intercommunicating telephones have been added to the equipment of this department. In order that the students may see clearly the internal connections of a telephone, separate parts, such as the transmitter, induction coil, receiver, condenser, switchhook, bell and magneto, have been obtained, and these pieces of apparatus are connected and tested by the students.

Another addition to this department is the Motor Room. The installation of the machines in this room, the wiring and the construction of the switchboard, was done by the boys. The switchboard consists of six panels, one panel for each motor generator set.

The equipment of this room consists of one and three phase A. C. motors, starting oil switches, starting compensators, shunt, series, and compound D. C. motors and generators, starting boxes, field rheostats, measuring instruments, and transformers.

With these machines it will be possible to take motor, generator, and set, efficiency tests, and full load, heat runs; in fact, everything that the student should know about testing and operating machines can be accomplished with this equipment.

Among the jobs completed this year was an 90 outlet job installed in the Middle Street School. This work was installed in conduit, metal moulding and knob and tube, by first and second year boys. The work was carried on during school

hours and finished in quick time considering the conditions under which the work was installed.

Experience has proven that to be a first class electrician one must know something about carpenter work, such as cutting walls, base boards, taking up and laying flooring, and construction of houses. With this in mind the boys in this department are required to spend some time in the carpenter department under the supervision of an instructor who teaches them how to use wood working tools and how to do the ordinary carpenter work they will come in contact with while following their own trade.

A large portion, in fact about 90% of the electrical work done in this city and vicinity is interior work. It is for this reason that the first two years of the student's time in this department is spent on this type of work. It is not until the third and fourth years that the students take up to any extent the other branches of the trade.

With the foundation as laid in this department a student who satisfactorily completes the course will rise faster and higher in the electrical trade than one who is without this foundation.

POWER DEPARTMENT

The object of this Department is to train the boy so that he is familiar with the different types of apparatus used in a boiler room.

The instruction also prepares a boy to take the State examination for second class fireman.

On entering this department a boy is made assistant fireman. He is taught to make and keep a good fire, weigh and make a record of the amount of coal burned, ashes taken out, and volume of water evaporated. He learns to handle injectors, pumps, traps, and other necessary fireroom apparatus, and to be accurate and reliable in his work. Thorough instruction in installing steam, gas and water pipes is also given in this department. Each boy is properly prepared for all the duties of an assistant fireman before the close of his second year.

The equipment of this department is divided into two groups; one group in operation and used for instruction, the other group used for instruction purposes only.

The first group comprises a 90 H. P. vertical fire tube boiler, a 55 H. P. locomotive, with all the apparatus that boilers of these types have, a 15 K. W. Ideal direct connected unit, a 55 H. P. Producer gas engine, together with valves, traps, gauges, regulators, and so forth.

The second group, which is used for instruction purposes only, comprises a 15 H. P. vertical fire tube boiler, a 10 H. P. Sturtevant engine, 2 vertical slide valve engines, a 38 H. P. Watts-Campbell Corliss engine, and pumps, valves, and so forth.

Complete apparatus for testing flue gases, coal and oil has been added to the instruction equipment of this department.

MACHINE DEPARTMENT

The aim of this department is to give the student a practical all round training in his chosen trade. Those satisfactorily completing this course are rated as machinists and they have a better foundation for advancement than the chaps who served an apprenticeship in an outside shop, because those taking their machine training at this school not only acquire the knack of doing the different operations on the different machines, but they also get the mathematics, drawing and trade science which go with the machinist trade.

The shop instruction is divided into the following units: Lathes, millers, planers, shapers, drills, grinders, special machines and bench work. The boy is kept in each unit until he becomes familiar with the operations and various work done on these machines.

A complete record showing the different kinds of machines trained on, kind of work, operation and quality of work is kept for each student from the time he enters the department until he leaves. This record is kept on what is known as unit and operation sheets. These sheets cover all the different opera-

tions on the different machines and are laid out so as to cover the entire four year course.

As soon as the student satisfactorily completes an operation he is given another. By means of these sheets it is possible to lay out the work so that students take the different operations in their logical order. These records make it possible to tell at a glance exactly what kind of machines the student has worked on and the operations mastered. These records are always on file and the parents and employers of students from this department have the privilege to look them over.

The school authorities feel that the employers of these students would confer a favor on the school and be of aid to themselves, if before employing a student they would look up the student's record. By doing this the employer would know exactly what the student was fitted to do the best, thereby saving time and money. This procedure would help the school in that students would be given work that their training fitted them for.

The students are trained from the start on real jobs which have a distinctive commercial value. This is the only real kind of work for a student who wishes to become a first class machinist. Practice work, that is, work done only for the practice obtained from making it is not allowed in this department.

The department, besides doing work for outside concerns, has at present the following machine tools for projects: The New Bedford Wood Lathe, the No. 3 New Bedford Grinder, Bench Drill, Planer Vises and the New Bedford Fluting Machine.

These machines were drawn and designed by the students who are at present working on a new machine, a Bench Drill, which they hope to complete shortly.

During the war the great quantity and variety of outside work was so large that the manufacture of these machines was held up, but now that outside work is about normal, several of these machines are to be started and put on the market in the near future.

Regarding work for outside concerns, the school accepts only the kind of work which has the proper instruction value and the remuneration is charged at the prevailing rates.

The department keeps before it all the time that its product is the boy and not so many pieces of finished stock. For this reason the boys except in rare instances do not do production

work, that is, a great number of pieces under anyone operation.

The student on entering the department must take his turn as stock and tool room clerk. This work must be completed in a satisfactory manner before he can advance far into the course.

It has been found by experience that the lathe is the best type of machine to start the student on. He is kept on the lathe until he satisfactorily completes the different operations. He is then transferred to the other machines. Most of the students are able to complete the work on the lathe in the first year, and it is possible to complete the work on the drill as well. At the end of the second year the student is familiar with planers, millers, grinders, etc., and is able to carry his job through from start to finish.

All the work is done from shop sketches made by the student or from blue prints made in the drawing room. Outside work is usually done from drawings furnished by the customer. It sometimes happens that the customer has no drawing, in which case the drawings are made and checked in the related work department and then sent to the shop.

The shop instruction is entirely individual, so that the student may advance as fast as he is capable of absorbing and retaining the instruction and performing the various operations.

The organization of this department follows along the same lines as that of any modern manufacturing plant. The head of the department being the superintendent, the first assistant the shop foreman and the instructors acting as assistant foremen.

The students are required to punch the clock and keep their time same as is done in other shops, so that when he leaves the department he simply transfers his hat and overalls from the shop at the corner of Acushnet Avenue and Cannon Street to one located elsewhere.

CARPENTRY DEPARTMENT.

The object of this department is to give the boys a good training in all branches of the carpenter trade.

The equipment of the department is thoroughly modern, and consists of a moulding machine, surface planer, buzz planer, hollow chisel mortiser, double head and cope tenoning machine, spindle shaper, band saw, swing and speed lathes.

This department has undertaken very large jobs since September, among them being the reflooring of the gymnasium, making one hundred lockers, for the Household Arts, Power and Machine Departments, reflooring the hall and class rooms in the Related Department, making thirty drawing tables which were designed and drawn by the boys, making an oak table for the main office, and tables for the Community Center work. From this partial list of work it will be noted that the boys get a good practical training in the essential parts of the carpenter trade under real shop conditions.

The boys are watched carefully in this department and when one shows marked ability for any certain class of work, for instance, cabinet making, he is put on that kind of work as much as possible.

The students are given shop talks by the instructors which cover everything from the care of tools up to and including roof framing.

The care of the tools, kinds of tools and their uses and stock which includes different kinds of wood and hardware is taken up during the first year.

The work the first year consists of helping the older students, simple cabinet work, sheathing, cutting in simple hardware, etc.

The work the second year consists of exterior and interior work, instruction on machines and cabinet work.

The third year gives the students interior work, cabinet work (complex) roof framing and stair building.

The fourth year includes roof framing, stair building, complex cabinet work, the planing and laying out of work.

A record is kept for each boy which shows the kind of work he has done. This record serves as a guide so that the student will not get too much work of the same nature.

The work for this department is obtained from outside the school to some extent, but largely within the school itself. The

nature of the work varies from putting in a flight of steps to making a desk.

Whenever the school work is caught up the students who so wish are allowed to make things for themselves. These articles vary from costume poles to bookcases.

All the work is done from drawings, shop sketches or samples. The department has turned out a large mill job for the kindergarten grades of the public schools consisting of 30,000 blocks of different shapes.

Each student is required to keep the number of hours spent on each job as well as punching the time clock in and out.

Good carpenters are to be in great demand during the coming years and boys fitted with the foundation that they received in this department are bound to travel right along in their trade and within a short while be recognized as leaders in their line of work. It is interesting to note here that three young men formerly students in this department have completed a large three story house in Fairhaven; all the work on this building from the laying of the batter boards to finishing the last room was done by them.

DEPARTMENT OF RELATED WORK

This department teaches the technical subjects related to the several trades. These subjects are laid out in such form that they are allied very closely with the work the student is doing in the shop. Individual instruction is largely responsible for the remarkably good showing made by the students in their various subjects. Through no other method could we assimilate the large number of boys we do, whose previous education ended anywhere from the seventh grade up to high school grades.

Each trade requires different methods of applying all the well known principles, and this department teaches each student in each department that particular application that fits his special trade. Generalities in teaching related subjects such as mathematics, drawing, English, and so forth, are not productive of

results, and for that reason we have special application of mathematics, drawing, and other kindred subjects, for the student in the Machine Department, special application of these studies for the student in the Electrical Department, in the Steam Department, and in the Carpentry Department.

The work in this department brings to the attention of the student the necessity of having a certain amount of specialized head work, to make him a more skillful worker with his hands.

Practical mathematics, beginning with the simplest form of fractions, and gradually working up to algebra and trigonometry as applied to shop work and shop problems, with a comprehensive course in formula work, shop mechanics, and strength of materials, comprises the work in this subject. The students in the Electrical Department are given direct and alternating current mathematics, together with the regular work.

The main object in the drawing course is not to make draftsmen, but to have the student realize a familiarity with the making and reading of drawings and blue-prints, a very necessary adjunct to his trade. We believe that the only way to teach a boy to read blue-prints correctly and easily, in the short time we have to train him, is to give him a good working knowledge of how shop drawings and blue-prints are made. With some of the advanced students, elementary work in designing is taken up, and some excellent drawings result.

English and civics hold an important place in the list of studies. The policy of the department tends toward furnishing the good tradesmen with a sufficient command of English to help when any chance of promotion in their trade offers itself. A good citizen is also of vital importance to the community, and our civics classes are carried on with that ideal as a goal.

MATHEMATICS

First year work is started in the elementary processes, as it has been found by careful observation that the student usually lacks the ability to apply them to his job. Fractions, decimals, ratio and proportion, square root, percentage, board measure, taper turning, and screw cutting, are taught in the first year classes.

Second year work consists of formula work, mensuration, shop geometry, metric system and special direct current mathematics for the electricians.

Third year work takes up elementary trigonometry, shop algebra, roof framing, stair building, applied steam mathe-

matics, and special alternating current mathematics for the electricians.

In the fourth year a general review, with advanced algebra and applied shop trigonometry, with the strength of materials, is given.

DRAWING

First year drawing consists of lettering, free hand sketching, blue-printing, geometrical construction problems, and a complete study of projection. Special emphasis is laid on neatness during this year.

In the second year applied work in third angle projection is taken up, special attention being given to rough drafting and its relation to the finished drawing. After the foundation has been laid, each student branches out into the special drawing for his trade.

Third and fourth year students do all the finished drawings for the school, and takes up advanced work in mechanical movements, gears, cams, and so forth.

The design of a polishing machine, consisting of two heads and belt changing attachment, has been finished this year for a local shop. The machines are at present being manufactured in the Machine Department. A new design for the New Bedford Grinder, the school product, is being drawn up, and will be known as the New Bedford Grinder No. 4.

ENGLISH

First year English is devoted to the fundamental rules governing the use of language, word building, sentence construction, and shop report work.

Second year work consists of advanced continuation of first year's work, special attention being given to the introduction of a course in letter writing and technical report work, which is started during this year.

The work in third and fourth years is given over to the application of what has been already learned. This work is intended specifically to make the student able to acquit himself creditably, either in written or oral work.

CIVICS

A progressive course in civics starts in the first year, by giving the students an opportunity to see how bodies are governed, and they apply this knowledge in their own Athletic

Association, which has an all-student directorate, under faculty supervision.

In the second, third and fourth years, a complete course in civil government is started. It is the aim of this course to make the boy a better citizen, to keep him conversant with up-to-date topics, to educate him to think for himself in matters politic, and to give him the highest possible standard to work towards when he leaves school. Open debate is carried on in the class room on all important topics, and the classes are addressed, from time to time, by men prominent in some branch of civic enterprise.

TRADE SCIENCE

The science of each trade is taught in the different departments as the student progresses in that department. This work covers the origin, uses, and so forth, of all materials used in their respective trades. The best methods of performing operations and standards that govern the work in each trade are also taken up.

By teaching the student the science of his trade, he becomes better fitted for efficient work earlier in his shop experience.

HYGIENE

Setting up exercises are given for twenty minutes each day, and all students are required to attend. This, together with the school activities in athletics, gives the boy a chance to grow physically as well as mentally.

The school supports a well organized and strong athletic association, whose membership consists of all boys in all departments. Basketball and baseball are the two sports in which the school is represented.

(Note). A detailed outline of all the above studies may be obtained by applying at the school.

HOUSEHOLD ARTS DEPARTMENT

The courses given in the Household Arts Department are essentially for training in homemaking, but it is also the aim to give the girls some foundation for managerial work, such as tea room work, managing housekeeper's work, running a home bakery, or doing work in millinery and sewing for private parties or in stores.

PRACTICAL SUBJECTS

Developing skill or ability to do the work or supervise it in the home, store, or wherever the girls may be placed.

RELATED STUDIES

Developing intelligence by finding out the reasons for methods employed, and by giving mastery of the elementary but constantly necessary processes in arithmetic and English. For instance, household accounts, bills, business letters, etc.

CULTURAL STUDIES

Developing the spirit of the homemaker and tact in working for other people.

The practical work in this department includes sewing, cooking and millinery.

The related work includes Textiles, Design, Physiology, Dietetics, Household Management and Science, Home Nursing English and Arithmetic.

The cultural studies include Current Events, Citizenship, Reading, Hygiene, Physical Training and Music.

COOKING

The aim of the cooking course is to teach the principles of cookery and the practical application which may be worked out in the girl's home as well as in the school laboratory.

Since all of the food prepared is served at the noon-day luncheon at school or sold to outsiders, the girls exercise great care, thereby developing self-confidence and a keen sense of responsibility.

Much attention is given during the first year to bread-making and every year a bread contest is held when each girl makes a loaf of bread entirely without supervision. The bread is judged by experts and a prize given for the best loaf.

Groups of first year girls prepare the students' luncheon which is served on trays, cafeteria style, every day. This

luncheon is sold for from fifteen to twenty-five cents, depending on the amount of the servings. About thirty-five trays are prepared each day. Some order cooking is done at the school, such as bread, rolls, cookies, etc.

A thorough study of foods and food values is taken up during the first two years.

The second year cookery course consists of the preparation of the teachers' luncheon every day. This is done almost exactly as the girl would prepare a meal in her own home. The kitchen where this work is done is arranged as nearly as possible like a home kitchen, and not more than four girls work there at the same time. The last half of the year only two girls work, giving each girl the definite responsibility of preparing the whole luncheon for six teachers. Twelve teachers are served each day. The girls do their planning, marketing, and keep the accounts for this luncheon.

SEWING

During the first year, the girls are taught the use and care of sewing machine, the use of paper patterns and to cut and make the following garments:

One set of underwear	One cotton dress
One middy blouse	Two baby garments

In the second year sewing course the use of machine attachments and the use of power machines are taught. The required work for this year is:

Cotton dress	Graduation underwear	If girls are completing
Wool dress	Graduation dress	two year course only.
Man's shirt	Wool suit or coat	

The third and fourth year girls do more advanced work in dressmaking, including a good deal of handwork.

In addition to the making of new garments, each girl is required to do some work in the renovation and remodelling of old garments. This brings out certain principles, that the girls would not otherwise get, and is a very important feature of the course in sewing and dressmaking.

There is also a course in mending and darning which every girl is required to take.

Closely associated with the sewing course is the study of textiles. This includes the history and manufacture of different clothing materials, such as cotton, silk and wool, a knowledge of which enables the girls to select and buy cloth intelligently and economically.

MILLINERY

First Year:

Theory:

- History of millinery.
- Advantages of a milliner.
- Study of frames.
- Fitting the head.

Practical work:

- Renovation of winter hats, frames and materials.
- Making velvet hats and trimmings.
- Renovation of spring hats.
- Making straw hats and trimmings, including ribbon and crepe facings.

Second Year:

The same course is followed as in the first year, but more advanced work is done. Hats of fabric, satin and fur are made; also the renovation of fur muffs and neck pieces is taught.

After completing a two year course in millinery, the girl is fully equipped to go out as a milliner's assistant and after two seasons' experience in the store she should qualify as a milliner.

DESIGN

The work in design is associated with both the millinery and dressmaking, as well as with house furnishing and decoration. Appropriateness of dress, beauty of line and color are studied and applied to hats, dresses and interior house decoration. Representation of stitches and scallops, planning of tucks, edgings and ruffles, are discussed, all these to be worked out in the sewing classes.

A great deal of lettering is done, such as mottoes, the making of posters, place cards and Christmas cards. These are decorated with appropriate designs.

HOUSEHOLD MANAGEMENT

This course includes the theory and practice of every process connected with housework. Planning and construction of houses are studied, much attention being given to the kitchen and kitchen equipment. This enables a girl to plan her own home successfully, keeping in mind the saving of money, time and energy.

A party of the time during the second year is given to the planning and keeping the personal budget and after that, the family budget.

HOUSEHOLD SCIENCE

This course consists of the study of lighting, heating, water supply, plumbing and the disposal of sewage as related to the home.

HOME NURSING AND HYGIENE

The aim of this course is to teach the girl how to keep her body in the most healthful condition and to give some knowledge of the care and comfort of the sick in the home.

The room in which this work is given is equipped like a home bedroom.

Making the bed with the patient in it, bathing and moving the patient are some of the points emphasized, a large hospital doll being used for the practice work.

Much attention is given to the care of children, bathing, dressing, etc. For this practice there is a one year old size hospital doll.

Some work in bandaging and first aid is also included in this course.

This year a four year course has been established in the school. This course is open to all girls who are grammar school graduates and it prepares them to enter Framingham Normal School for the special Household Arts Course which was established there last September. After completing three years at Framingham, the girls are fitted to teach in Household Arts Schools. Any girl who has had two years at the High School may, with two years at the Vocational School, be fitted to enter this course at Framingham. Two girls who graduated from the two years course last year have returned to take the other two years' work.

The second and third year girls are continuing the work as teachers of cooking classes for children at the City Mission. This is excellent experience for them and at the same time they are rendering a valuable community service.

EVENING SCHOOL

ELECTRICAL DEPARTMENT

This season only two classes were conducted in this department one in house wiring and one in wireless telegraphy.

There are two divisions in house wiring, one for men who were just starting in the electrical business and the other for those who had been in the trade for some time, but had not received their State license.

The course is divided into two parts, construction and study of code rules. The older men in the business take up the study of the rules, while those just breaking into the business take up construction.

The method of studying the code rules is by means of questions. Each section of the rule book is covered by a lesson, this lesson consisting of fifteen or twenty questions on that particular section. The students study the assigned section until they become thoroughly familiar with it. Then they write the answers to the questions of that particular section. These answers are handed to the instructor, who corrects and returns them.

Wherever possible it is planned to have the students study at night the laws covering the work they are on during the day. In this way the day and night work were connected.

Whenever a rule or statement is not clear the students call on the instructor for an explanation, which is made so that the other members of the class may benefit by it. From time to time the instructor explains the different kinds of stock and the approved methods of doing electrical work of all kinds.

If desired the students in this class take up the installation of three and four way switches and electroliers.

A record showing what sections of the code book were covered is kept for each man. This makes it possible to start a student the next year at the proper place.

Those taking construction work start at the very beginning of electrical work, making, soldering and taping joints. Simple and return call bell system and annunciator wiring are installed. Wooden and metal molding, knob and tube work, conduit work, for simple and complex circuits, are taken up in order.

All work must be installed in a workmanlike manner before it is approved. The students are taught the different methods of installing electrical work. At the same time they are putting up the material they are told the correct name, so that they learn stock as well as how to install it.

This work is laid out in lesson form, the students working from sketches. This method allows the students to go ahead as fast as they are able. The sketches are taken from practical work in house wiring. After the work has been put up the student tests it out to see if it fulfils the requirements of the sketch he is working from. If it does, he is given another sketch, and if it does not, he must find and fix the trouble.

A record is kept showing just what work was completed by each student.

The classes in Wireless are divided into beginners and advanced operators. These radio courses are to fit young men for the occupation of operators and to obtain the required license. The majority of those who attend the elementary course one winter and the advanced the next year are able to obtain either first or second grade commercial government licenses.

The students just beginning this branch of work are started learning the International Code. Usually they are able to read at the rate of ten words per minute at the end of the twenty week period. They are also given instruction in sending and are given lectures on the different kinds of apparatus used, its care and how to install it.

In the advanced class the students receive as high as twenty-five words per minute as well as sending at a very high rate of speed. Besides sending and receiving they are given practical instructions how to connect up different types of apparatus and how to repair them. The students in this section are usually studying for State licenses, which makes their work at school all the more interesting.

The equipment for this class is very complete, consisting of an alternator, starting box, switches, fuses, field rheostat, a one-half K. W. transformer, glass plate condenser, rotary spark gap and motor, oscillation transformer, watt meter, hot wire ammeter receiving transformer, variable condensers, fixed condenser, mineral and audion detectors and antenna switch.

POWER DEPARTMENT

The work in this department is divided into four groups, each group taking care of different licenses. On enrolling in this department, the student tells what kind of work he is doing during the day and license held. From this information he is placed in a group from which he will derive the greatest benefit. The instruction in the different groups is carried on by means of questions and answers, supplemented by talks and explanations, by the instructor. These questions are taken from practical work and deal with practical, every-day problems, and are

revised from time to time, to meet the changing requirements and regulations. The students are invited to bring in for discussion problems that they meet during the day. This department is equipped with apparatus that has been sectioned, so that the internal workings of the machine may be readily studied by the student. For men who work nights, morning classes are conducted.

PLUMBING

This course is divided into two units, one for helpers and one for journeymen.

The helpers' course is laid out so as to benefit beginners and others in the trade who have not received their State licenses. Part of the student's time is spent learning how to make the necessary trade sketches and answering questions, while the remainder is spent on practical work.

The advanced course deals with the more difficult operations of the trade, as well as the method of laying out work and figuring jobs.

MACHINE SHOP WORK

The work in the machine shop evening courses is divided into two groups, each group being laid out to accommodate men who are in certain spheres of the trade.

The first group takes care of the man who has mastered all the machines, but is lacking in mathematics and drawing. The mathematics deals with shop problems entirely and starts as low as the men in the class desire, which is usually fractions. From this point taper turning, screw and thread cutting, etc., are taken up. This course in mathematics takes up shop algebra and shop trigonometry.

The drawing part of this course covers lettering, free hand sketching, detail and assembling drawing. Real live shop material is used in this and the mathematics group.

The second group is laid out to help those men who are familiar with only a few machines or only a few operations on one machine and those who are helpers only. To the men in this class the opportunity is given to become thoroughly familiar with the machine they work on during the day and also the chance to learn how to operate other machines.

The work in this group is conducted along the same lines as the day school course, a record showing the kind of work, machines worked on, the operation and quality of work being kept for each man in the class.

This system has worked out very well, the classes being large and interested. It is not uncommon to have men attend these

classes three or four years, working their way up from helpers to machinists.

The men work on commercial jobs, no exercise work being allowed. There are two classes in this group, one meeting Monday and Wednesday nights and the other meeting Tuesday and Thursday nights. No certificate is given on the completion of the course, but from the record mentioned above it is possible to tell just what the pupil has accomplished, and the school is always ready to give this information to anyone interested.

AUTOMOBILE COURSE

This course is divided into the Motor, Carburetor, Ignition and Chassis Units.

At present the equipment in the motor classes consists of a Chalmers, Cadillac, Studebaker and Ford engines, all four cylinders. These engines with their radiators are mounted on wooden horses about three feet high, thus putting the engines in a position where every part can be readily seen by the students. All the engines are piped so that they exhaust outside of the building. This enables the students to run the engines without any personal discomfort.

At the first meeting of the class the instructor finds out the kinds of machines the students are working on during the day and as far as possible assigns them the same kind to start his night instruction on. The class is divided into four groups, usually four men to a group.

The first thing the men are instructed to do is to start the engine they have been assigned to. This is done to show the students that the engines are in running order and experience has taught us that the students are more interested when they know the engine they are working on really can run.

While the engines are running the instructor goes around to each group pointing out mechanical defects, such as knocks, slaps, mechanical noises caused by loose or worn parts, etc. Now the problem facing the students is to take down the motor, clean the parts, replace worn or broken parts, reassemble the motor and again operate it. This second running is the test of the student's work. Now the engine must operate quietly and smoothly. If not, it is again taken down, and the defect corrected.

Part of the time is taken by the instructor in explaining different makes of motors, different oiling systems, different cooling systems, usual troubles, defects and their cure, and trouble finding.

After the engines have been thoroughly repaired the students start work on the chassis, which are given a thorough overhaul-

ing, replacing worn parts with new. Then the engine is mounted on its chassis and connected to the transmission.

Lectures on different parts of the chassis are given by the instructor.

The assembled cars are run by the students, the rear wheels being jacked up, so that they can work the brakes, levers, clutch, etc.

The men who usually take this unit of the course are those who are just breaking into the automobile business or those who are connected with the automobile business through the selling and office end.

The other two units, the carburetor and ignition, while open to anyone in the automobile business, are primarily for men who are thoroughly familiar with the mechanical operation of the four cycle gas engine and who wish to specialize in carburetors and ignition.

The equipment in the carburetor section consists of carburetors of all types and makes, a Ford engine and a number of the latest carburetors designed to fit the Ford motor.

The procedure in this unit is as follows: Each student is given a carburetor which he inspects and studies by reading the manufacturer's description, lectures by the instructor and a model. After studying about the carburetor, it is taken down and examined, the names of the different parts learned, worn parts taken out and new ones installed, and then the carburetor is reassembled. A record is kept for each student showing kinds of carburetors worked on and time spent on each type. Each student must complete three or four different kinds of carburetors before finishing the course. The carburetors which fit the Ford are studied by each student and after reassembling they are installed on the motor and adjusted by the student while the engine is in operation.

Lectures are given by the instructor covering the different makes of carburetors and the principle on which they work, on gasoline and how made, troubles with carburetors and how to locate and fix them. Each student is given individual attention and can go ahead just as fast as he is able.

The instruction received in this unit is sufficient to give a person a thorough understanding of the principles on which the most popular carburetors operate as well as giving the opportunity to take down, put in new parts, and assemble various makes of carburetors. Another feature of this division is the opportunity to adjust the carburetor after one has assembled it.

The students are given notes to take home covering the prin-

ciples of the carburetor, gasoline, care of carburetors and their adjustment.

The ignition unit of this course is divided in three parts, each part covering one type of ignition. The three types of ignition taught are the Ford, high and low tension magnetos, and the battery system represented by the Delco.

Each system is subdivided into its component parts. The first system taken up is the Ford. This system is divided into the generator, coil box, timer, spark plugs and wiring.

After the Ford, the magneto type of ignition is taken up. The students are taught how to disassemble, repair, assemble and test the magnetos in general use today. They are given lectures on magneto troubles, how to locate and repair them, the principles on which the high and low tension magnetos work. After working on the magnetos in the ignition room, the students are sent to the motor room, where they wire the motors. This gives them real practical experience on both types of magnetos.

For the representative type of battery system the Delco system has been chosen. The battery system is divided into the study of wet and dry batteries, motors, generators, distributors, coils and wiring diagrams.

The equipment in the ignition course is very complete, consisting of several Ford generators, coil boxes, timers, batteries, high and low tension magnetos and complete Delco system for a Cadillac eight.

In the laboratory is a stand on which is mounted a Ford generator, coil box, timer and spark plugs. The generator is driven by an electric motor, thus giving the students an excellent opportunity to thoroughly understand the wiring of a Ford car for ignition and lights.

The Delco system is also set up on a stand so that the students can operate it. Besides the wiring for the eight cylinders, all the lighting system for an eight cylinder Cadillac has been put on the stand, thus giving the student a chance to become familiar with the entire system.

A magneto test bench, large enough to test 12 magnetos, is also a part of the equipment. This bench has an overhead shaft to which the magnetos are belted. The shaft is driven by an electric motor. The magnetos are connected to spark plugs and coil boxes, exactly as if they were on an engine instead of a test bench. The student after putting in new parts and assembling a magneto, brings it to the test bench, where he operates it at different speeds and gets the correct adjustment. The magnetos studied are the most popular makes, such as the

Bosch, Dixie, Remy, Spitsdorf, Eiseman, etc.

THE CARPENTRY DEPARTMENT

This department offers instruction along three lines of the carpenter trade; namely, General Carpentry work, Pattern-making and Roof Framing.

The course in general carpentry is laid out so as to cover the needs of a helper in the trade. In this course the student is taught the use and care of tools and simple cabinet making. Along with this general course is given to those who are qualified instruction in wood-turning and machine operations. The students do no practice work in this course, as everything made is either sold to the student or to outsiders.

The pattern-making class is for those men who are in the carpenter and allied trades, such as molders, machinists, etc. The students start where they are fitted. That is, if one knows something about patternmaking, he continues from that point. If nothing is known about the trade, a start is made at the very bottom.

The work starts with the simpler patterns and as the students advance the patterns become more difficult.

Besides learning the use of the different tools required in this work the students learn how to read and interpret drawings and shop sketches.

The patterns made in this course are for machines being built by the day pupils in the machine shop department.

The roof framing course is for men who are thoroughly familiar with the carpenter trade.

In this course the students are taught how to figure the length of the different rafters and how to figure the bevels. The students take a plan and from it figure out the length and bevels of the roof. The roof is then put together.

This course teaches the men the names of the different parts of the roof, how to figure, the use of the steel square and how to read plans.

This course is very essential for all journeymen carpenters who do not understand how the roofs are figured.

The plans used in this work are of actual houses reduced to convenient working scale.

DEPARTMENT OF RELATED WORK

The evening drawing classes are intended to help men already in the trade to become proficient in making readable shop sketches, and to teach them to read blue prints. To this end a certain amount of mechanical drawing is introduced, that in making a finished drawing, they may also read one.

Elementary and advanced mathematics are taught to tradesmen, who have found that their work called for the use of figures with which they were not familiar. These classes have been very successful.

The work outlined in the first group under Evening Course in Machine Shop is given in this department.

Sheet metal drafting is given with excellent results.

Classes in advanced work in any of the above studies may be formed if sufficient number of journeymen apply.

PRACTICAL ARTS DEPARTMENT

The enrollment in this department this year is the largest in the history of the school. In fact this department is the largest of its kind in the State of Massachusetts. Last year there were forty-three classes with an enrollment of 667 women. This year there are sixty-five classes with an enrollment of over one thousand women.

The cost of instruction is free to the pupils, the expense being met jointly by the city and the state.

The courses offered in this department are sewing, millinery, cooking and home nursing and are open to all women in New Bedford or surrounding towns who are sixteen years old or over.

In the sewing classes the pupils furnish their own materials for their garments.

In the cooking classes the food prepared is served to the pupils and they pay for the cost of materials used.

There are both afternoon and evening classes, each class meeting two afternoons or two evenings each week for a period of twenty weeks. Each class is in session four hours a week, making a total of eighty hours instruction for a year's course.

In the first year course in sewing much attention is given to instruction in the use of a sewing machine and attachments. Each class room is equipped with three or more sewing machines.

The garments made in this year are a cotton skirt, a wool skirt, a plain cotton waist and a fancy cotton waist. A thorough study of the use and alteration of commercial patterns is taken up this year. There is an electric iron and an ironing board in each sewing room so that the pupils may be taught to sponge and press materials properly.

This gives the women a foundation for the work of the second and third year in sewing which consists of making wool, voile and silk dresses.

The work in millinery consists of a study of the becoming-

ness of hats, the proper fitting of the head, the renovation of old hats and trimmings, and the making of new frames and hats.

This year an additional unit was given in connection with the millinery course—the renovation and relining of muffs and furs.

The cooking course consists of canning, breadmaking, vegetable cookery, and the planning and preparation of balanced meals. In connection with the meals, attention is given to table setting and service. Later on, instruction is given in the use of the fireless cooker, preparing the entire meal, using the fireless.

Typewritten copies of all the recipes used are given to each pupil. In this way a valuable collection of recipes is obtained.

An interesting class in cooking was held for Polish women, the recipes being translated into Polish for them. There is also a millinery class for Polish women, a sewing class for Polish women and a millinery class for Portuguese women. All of these people are very enthusiastic and the attendance in these classes has been splendid.

The Home Nursing work has proved to be of great value to the people of the community. Many people are taking advantage of this opportunity to learn how to care for the sick at home.

The course consists of twenty lessons, each lesson given in a two hour period. The pupils are taught what to do in emergencies, the making and application of poultices and compresses, diet in different diseases, all pertaining to the care and comfort of the sick at home. The care of children is also taken up. The room in which this work is given is equipped as nearly as possible like a home bedroom, having a bed, dresser, table, chairs and a screen. There is an adult size hospital doll so that the pupils may have the experience of making the bed with a patient in it, also some practice in moving a patient. There is also a one year old size doll for use in teaching the care of children. All of this work is in charge of a trained nurse.

A certificate is granted to pupils who complete three years' work satisfactorily in either sewing, cooking or millinery.

A record of the work done by each pupil is kept in this office and all this data is sent to the State Department of Education in Boston at the close of evening school term. This entails a large amount of clerical work, but it is the only way we can find out definitely the far reaching results of the evening practical arts work for women.

COST OF SCHOOL FROM DEC. 1, 1918,
TO DEC. 1, 1919.

Equipment items:	
Rent,	\$3,000.00
Equipment and tools,	792.17
Maintenance items:	
Salaries and labor,	40,574.87
Fuel, water, gas and power,	2,710.78
Office and janitor supplies,	1,465.43
School room and shop supplies,	7,985.95
Repairs and replacements,	2,069.76
	<hr/> \$58,598.96

The City of New Bedford is reimbursed by the State for one-half of the net maintenance cost.

STATEMENT OF SCHOOL CASH

Cash on hand Dec. 1, 1918,	\$1,386.58
Receipts Dec. 1, 1918-Dec. 1, 1919,	3,494.86
	<hr/> \$4,881.44
Disbursements, Dec. 1, 1918-Dec. 1, 1919,	4,213.10
Cash on hand Dec. 1, 1919,	668.34
	<hr/> \$4,881.44

TOTAL INVENTORY, DEC. 1, 1918.

Buildings,	\$1,500.00
Machinery,	29,626.35
Furniture, apparatus and tools,	17,602.33
Shop material and supplies,	2,925.00
	<hr/> \$51,653.68

ANNUAL REPORT

OF THE

SUPERINTENDENT OF STREETS

OF THE

CITY OF NEW BEDFORD, MASS.

TO THE

CITY COUNCIL

FOR THE YEAR ENDING NOV. 29, 1919.



NEW BEDFORD
THE A. E. COFFIN PRESS — COFFIN BUILDING
1920

Report of the Superintendent

To the Honorable, the Mayor and City Council.

Gentlemen:

The Annual Report of the work of the Street Department including sewers, bridges, forestry and garbage collection for the year ending November 30, 1919 is herewith submitted.

Respectfully,

C. F. LAWTON,

Superintendent.

NEW BEDFORD — 1919

GENERAL STATISTICS

Population, assessors estimate 121,986.

Valuation, assessors estimate \$144,254,106.

Area, about 19.39 sq. miles.

Accepted streets, 192.74 miles.

Bridges — Three bridges over the Acushnet River: New Bedford and Fairhaven bridge, 70 feet wide and $\frac{9}{10}$ mile long; $\frac{4}{5}$ maintained by New Bedford. Coggeshall Street bridge, $\frac{3}{4}$ maintained by New Bedford. Slocum Street bridge, $\frac{1}{2}$ maintained by New Bedford.

12.35 miles granite block pavement, area, 189,582.27 sq. yds.

0.82 miles wood block pavement, area, 21,511 sq. yds.

0.02 miles asphalt block pavement, area, 273 sq. yds.

0.34 miles brick pavement, area, 12,128 sq. yds.
(New Bedford and Fairhaven Bridge.)

21.29 miles bitulithic and similar pavement,
area, 372,023 sq. yds.

19.90 miles bituminous macadam pavement,
area, 257,311 sq. yds.

82.90 miles water-bound macadam pavement,
area, 1,029,015 sq. yds.

concrete paving in alleys and track spaces,
area, 14,520 sq. yds.

1.63 miles cobble pavement, area, 20,702 sq. yds.

149.90 miles stone curbing.

29.86 miles flag walks, area, 87,547.02 sq. yds.

32.18 miles tar concrete walks, area, 138,324 sq. yds.

37.87 miles granolithic walks, area, 162,963 sq. yds.

143.64 miles Sewers.

Cost of sewer system to date (including intercepting sewer)
\$3,779,684.36.

1774 catch basins.

863 eye-holes and inlets.

APPROPRIATIONS AND EXPENDITURES.

Year 1919.

		Appropriation	Net Expenditures
Highways and Streets:			
Appropriation	\$389,000.00		
Excise Tax :—	13,771.33	\$402,771.33	\$394,297.97
Highway Improvements		480,000.00	477,019.27
Macadam Loan		64,000.00	63,807.00
Sewers and Drains,		24,000.00	25,803.00
New Catch-Basin Account		7,000.00	9,422.63
Bridges,		17,800.00	19,733.47
Forestry,		9,000.00	11,237.71
Garbage Collection		44,300.00	44,467.16
Sewer Construction		150,000.00	151,642.55
		<hr/>	<hr/>
		\$1,198,871.33	\$1,197,430.76

**Highways and Streets
Accounts**

RECAPITULATION — HIGHWAYS AND STREETS.

GROSS EXPENDITURES.		Cost.
Ashing		\$ 70,155.14
Accidents		7,768.37
Automobiles:		14,470.14
Trucks		12,957.80
Garage		13,548.44
Auto hire		255.75
Building repairs		2,130.98
Repairs to :		
Crosswalks	\$ 2.59	
Curbing, relaid	1,862.64	
Concrete (tar walks)	1,251.40	
Driveways	970.64	
Filling holes and washouts	3,567.17	
Sidewalks, flag	867.62	
Fences	89.80	
Granolithic walks	108.18	
Gutters	2,632.39	
Macadam, repaired and resurfaced	37,146.26	
Bituminous and Endurite pavement	15,438.30	
Macadam, penetration	3,785.97	
Seal Coating	56,815.90	
Cobble and block paving	1,066.39	
Wood block paving	242.74	
Filling and Grading	12,147.33	
Dirt roads	87.32	
		<hr/> 138,082.64
Dust suppression — Oiling streets	10,113.50	
Watering streets	3,748.69	
		<hr/> 13,862.19
Equipment		
1 Keystone Excavator	6,502.75	
1 Cadillac car (exchanged)	1,200.00	
1 Oldsmobile car	1,420.00	
1 Dodge car	675.00	
1 Ford touring car	574.71	
1 Gasoline power pump	192.00	
1 Kerosene oil pump	99.75	
		<hr/> 10,664.21

GROSS EXPENDITURES — Continued

Heating		3,460.63
Miscellaneous—(street signs, bound stones, etc.)		6,673.46
Pension		1,528.28
Military service and State Guard		6,052.66
Removing snow and ice		1,646.34
Main office and salaries }		
City Yard office }		16,598.34
City yard and toolhouse,		1,289.64
Walks, cinder and gravel		22,976.59
Sweeping and cleaning streets :—		
Hand broom sweeping	\$71,271.64	
Machine sweeping (Elgin Sweeper)	2,057.77	
Gutter Cleaning	37,924.33	
		<hr/> 111,253.74
Tools, new and repaired		9,080.22
Water supply		148.25
Walls, (retaining)		335.44
Repairs to road machinery		3,343.82
Charges:—		
Labor and stock for other departments and sundry parties		129,035.21
		<hr/> \$597,318.28

	Cr.	
Appropriations		\$389,000.00
Excise tax		13,771.33
Receipts		203,020.31
		<hr/> \$605,791.64
Credit Balance		8,473.36
		<hr/> \$597,318.28

STREETS LAID OUT AND ACCEPTED IN 1919.

Street	From	To	Date	Width and Length in Feet		
				15	40	50
Avon	Rockdale Ave.	Town line	July 25	.....	.....	260
Bliss	Bolton	Town line	Aug. 7	.....	.....	180
Bolton	Brook	Rockdale Ave.	Jan. 25	.....	.....	1350
Brook	Tallman	Deane	Dec. 12	.....	697	.....
Conduit	Wood	Brooklawn Park	Oct. 10	.....	.....	379
Dawson	Conduit	Felton	June 16	.....	.....	601
Dutton	Acushnet Ave.	Bowditch	Feb. 14	.....	.....	703
Emerson	Sycamore	Smith	April 26	.....	236	.....
Farm	Rockdale Ave.	John	April 11	.....	.....	325
Frank	Bolton	Henlock	Jan. 25	.....	.....	534
Freeman	Emery	Ellen	Feb. 28	.....	.....	518
Ohio	Acushnet Ave.	Conduit	Dec. 12	.....	.....	245
Richards	Bolton	Town Line	Oct. 10	.....	.....	329
Sylvia	Present Terminus	Acushnet Ave.	Dec. 12	.....	.....	283
Webster Court	Hope	Diman	Oct. 25	652	.....	.....
		Totals	.....	652	933	5706

STREETS DISCONTINUED

Clifford	Church	Railroad	Aug. 22			448
Jackson	Myrtle	Mt. Pleasant	Feb. 28			793
Monroe	Myrtle	Mt. Pleasant	Feb. 28			791
Summer	Van Buren	Jefferson	Feb. 28			566
		Totals	.....	.....	.....	2598
		Net Totals	.....	652	933	3108

Total gain for year 4692 ft. = 0.888 miles.

ALTERATION OF LINES

Cook	Kempton	Mill		159
Brock Ave.	at Orchard	Circular cut off		

DUST SUPPRESSION

WATERING STREETS.

Trolley Car Sprinkler	}	
City Water Carts	}	\$3,748.69

OILING STREETS.

Dustoline	\$10,113.50
	<hr/>
	\$13,862.19

TEAMING AND TRUCKING ACCOUNT.

Teaming	Labor	Supplies	Total
Expenses	\$29,836.44	\$10,249.38	\$40,085.82
Repair of Carts	2,849.59	627.31	3,476.90
Stable expenses,	6,465.01	906.76	7,371.77
			<u> </u> \$50,934.49

Stock Account — Nov. 30, 1918..... \$24,416.05

Stock Account — Nov. 30, 1919..... 24,990.75

Teaming charged to jobs \$43,554.80

Auto Trucks

Expenses—Chauffeurs, Labor, Repairs and Supplies \$14,470.14

HIGHWAYS AND STREETS.

	1914	1915	1916	1917	1918	1919
Macadam, rebuilt,	\$107,312.29	\$11,992.04	\$23,278.02	\$14,329.75	\$16,604.42	\$38,839.28
Macadam, repaired,	5,909.04	14,332.21	.....	.....	.....	37,146.73
Macadam:—						
Bituminous penetration	.....	60,055.99	183,202.35	64,951.77	51,664.22	36,393.51
Bituminous concrete	.....	31,989.15	58,775.38	.....	.....	.....
Wood block paving	.....	50,736.96	20,789.09	10,941.78	.....	.....
Bitulithic and endurite paving	83,110.41	874.10	.....	121,194.96	.....	.....
Streets filled and graded	36,571.98	22,328.13	15,341.07	42,711.00	200,857.42	244,711.26
Curbing, new and relaid	20,290.92	18,346.94	19,930.23	31,716.36	28,899.23	63,338.26
Gutters, new	13,439.79	6,210.92	1,130.32	11,298.33	29,436.56	.....
Gutters, repaired	698.22	2,175.08	2,304.42	1,330.62	5,500.55	8,862.58
Concrete sidewalks, repaired	2,215.58	464.67	796.23	1,830.05	1,263.81	2,632.39
Gravel and cinder walks	15,516.37	21,349.59	9,272.14	17,714.13	1,900.52	1,251.40
Granolithic, sidewalks	16,640.19	24,162.75	27,687.61	24,180.65	19,517.98	22,976.59
Paving, new, granite block	39,541.95	67,551.47	25,280.49	58,803.35	15,651.90	21,979.19
Paving, repaired, block, cobble and wood block	1,550.96	3,001.20	7,034.16	2,221.91	11,965.05	100,977.21
Flagging, new and repaired	1,736.88	986.97	1,183.32	788.57	2,256.08	1,066.39
Crosswalks, new and repaired	50.19	81.66	14.13	25.45	933.24	867.62
Sweeping and cleaning streets	70,159.22	60,478.81	70,835.08	91,789.00	8.44	2.59
Removing snow and ice,	4,959.62	2,619.59	11,455.68	10,950.40	80,013.87	111,253.74
Collecting ashes,	52,803.27	45,806.62	47,063.60	53,215.73	5,198.42	1,646.34
Filling holes in streets,	730.57	2,634.16	2,099.80	1,907.99	58,856.10	70,155.14
					1,994.65	3,567.17

GUTTERS.

	1914	1915	1916	1917	1918	1919
Length in feet,						
Average width,	\$56,687.85	20,036.30	1,831.80	34,182.80	9,039.00	202.80
Area in square yards,	3.50	3.50	3.50	3.50	3.50	3.50
Cost,	23,441.11	7,605.82	610.61	11,495.47	27,717.00	7,886.60
Cost per square yard,	13,439.79	6,210.92	1,130.32*	11,298.33†	5,500.55	8,862.58
Cost per foot in length	.55†	.77	.87	.98	1.46†	1.13†
of average width,	.22†	.29	.29	.33	.61	.44
Repaired						
Length in feet,	.....	.....	.....	.....	.....	.....
Area in square yards,	.....	.....	.....	.....	.....	.....
Cost,	\$ 689.22	2,175.08	2,304.42	1,330.62	1,263.81	2,632.39

*Includes miscellaneous small charges.

†Laying only (old cobbles from streets used over).

HIGHWAY IMPROVEMENT.

CURBING	1914	1915	1916	1917	1918	1919
Length,	18,535.62	21,622.44	17,292.62	23,657.99	19,678.16	21,224.87
Cost,	\$17,569.73	17,164.16	19,930.23	29,972.92	25,086.19	34,440.66
Cost per foot	.947	.91	1.09		1.27	
Cost per foot of stone	.55	.53	.75		.74	
Cost per foot of labor	.397	.38	.34		.53	
Total cost of curbing relaid	\$ 2,721.19	1,182.78	1,974.97	1,743.44	4,350.37	1,862.64

**Highway Improvement
Account**

HIGHWAY IMPROVEMENT.

Appropriation	\$480,000.00
Receipts,.....	19,108.98
Balance from 1918.....	4,817.83
Total	<u>\$503,926.81</u>
Expenditures	500,946.08
Balance	<u>\$ 2,980.73</u>

EXPENDITURES

	Total
Curbing.....\$	9,379.82
Gutters	8,862.58
Granolithic.....	21,979.19
Bituminous concrete, endurite	267,518.31
Hassam granite block paving.....	103,231.00
Filling and grading	63,338.26
Land damages	1,875.00
Equipment	3,123.13
Wood block paving	140.63
Centre pier (draw bridge).....	10,729.32
Bulkhead, foot of Gifford St.	2,125.00
Stock and charges.....	8,643.84
	<u>\$ 500,946.08</u>

BITUMINOUS CONCRETE PAVEMENT—ENDURITE

Street	Location	Sq. Yds.	Cost
Acushnet Ave.	South to Rivet	3,112.00	\$14,358.92
Arnold Street	Atlantic to Rotch	3,012.59	12,254.81
Belleville Ave.	Sawyer to Coffin Ave.	6,486.82	25,406.80
Belleville Rd.	Belleville Ave. to Front St.	6,540.04	27,230.08
Brigham	Arnold to Allen		
Rotch		9,181.51	42,931.17
Hawthorn	County to Cottage		
Cedar Grove	Acushnet Ave. to Purchase	1,882.18	7,443.41
Cottage	Court to Kempton		
	Union to Court	5,809.95	23,139.21
	Hawthorn to Arnold		
Cove	E. French Ave. to Water	7,959.53	31,726.92
Gifford	Harbor, Easterly	1,610.22	6,874.41
Orchard	Union to Court		
	Brock Ave. to Rivet	9,965.02	46,764.23
Purchase	Dean, Quansett & Coffin Av.	6,715.36	28,388.35
		62,275.22	267,518.31

GRANITE BLOCK PAVING (Hassam System)

Street	Location	Sq. Yds.	Cost
Acushnet Ave.	Willis to Wamsutta	7,334.76	\$42,140.05
Belleville Ave.	Coggeshall to Sawyer	2,615.65	13,623.17
Bowditch	Logan to Weld	930.45	4,850.90
First	Spring to School	576.80	3,944.57
Gifford	Intersection of Harbor	230.80	2,152.73
Pearl	Pleasant, Easterly to R. Rd.	2,596.66	19,187.71
Spring	Water to Purchase	2,569.61	17,331.87
		16,854.73	\$103,231.00

WOOD BLOCK PAVING

Street	Location	Sq. Yds.	Cost
County	Sq. County and Elm		\$140.63

STONE CRUSHERS.

CENTER CRUSHER :

	Tons	Total Tons
Stone on hand Nov. 30, 1918.....	.....
Stone bought in 1919	7,348	
	<hr/>	7,348

SOUTH CRUSHER :

Stone on hand Nov. 30, 1918.....	.....
Stone bought in 1919.....	5,545	
	<hr/>	5,545

NORTH CRUSHER :

Stone on hand Nov. 30, 1918 .....	.....
Stone bought in 1919.....	2,402	
	<hr/>	2,402
Stone received from City work.....		4,323
		<hr/>
		19,618

Crushed stone on hand Nov. 30, 1919 :

Total amount crushed	<hr/>	25
		19,583

Total cost of crushing stone.....\$37,840.23

Cost per ton, including stones.....\$1.93

CURBING—NEW—1919

Street	Location	Length, ft.
Acushnet Ave.	S. W. Corner Pearl	8.10
	N. E. Corner Pearl	4.20
Arlington	E. S., Query to Central Ave.	7.40
	S. E. Corner Bates	12.50
	S. W. Corner Bates	12.50
	N. E. Corner Bates	12.50
	N. W. Corner Bates	12.50
Armour	E. S., Court to Union	39.25
Arnold	S. S., County to Orchard	44.30
	S. S., Rotch to Brownell	34.15
	S. S., Reed to Rockdale Ave.	51.00
Ashley	W. S., Ruth to David	54.00
Bedford	S. S., Brigham to Brownell	40.00
	N. S., Brigham to Brownell	76.50
Belleville Ave.	W. S., Sawyer to Dean	1,161.90
Belleville Rd.	N. & S. S., Belleville Avenue to Front	3,742.10
Blackmer	N. S., Acushnet Ave. to County	59.20
Bonney	W. S., Katherine to Brock Ave.	30.50
Brownell	E. S., Arnold to Union	43.00
Brock Ave.	E. S., David to Ruth	40.55
Brook	W. S., Nash Rd. to Whitman	41.96
Carroll	N. S., Brownell to Palmer	38.00
Cedar Grove	N. & S. S., Purchase to Bowditch	153.60
Central Ave.	S. S., Arlington to Concord	31.80
Chancery	W. S., Morgan to Court	138.00
Clinton	N. W. Corner Rounds	12.50
	N. E. Corner Rounds	12.50
	S. W. Corner Rounds	12.50
	S. E. Corner Rounds	12.50
	N. S., Reed to Rockdale Ave.	38.20
Coffin	N. & S. S., Quansett to Brook	283.30
Coggeshall	N. S., Belleville Ave. to River	12.56
Collette	S. S., No. Front to Belleville Ave.	150.90
	N. S., Bowditch to Brook	33.20
Conduit	N. E. Corner Wood	12.50
	N. W. Corner Wood	12.50
	S. E. Corner Covell	16.00
Cottage	E. & W. S., Hawthorn to Kempton	4.50
County	N. W. Corner Fair	4.20
	N. W. Corner Independent	2.00
Court	N. S., Ash to Emerson	191.30
	N. W. Corner Armour	12.50
	N. E. Corner Jenney	12.50
	N. W. Corner Lindsey	12.50
	S. S., Park to Newton	49.80
Cove	N. S., Harbor to E. French Ave.	85.00

CURBING—NEW—Continued

Street	Location	Length, ft.
Crapo	W. S., Rivet to Thompson	39.70
Dartmouth	W. S., Edward to Stowell	8.50
Davis	S. S., Bowditch to Brook	166.40
	N. S., Bowditch to Brook	82.90
Delano	N. S., Water to Front	77.00
Dudley	N. S., Brock Ave. to W. French Ave.	146.50
Earle	N. S., Acushnet Ave. to No. Front	32.20
Ellen	N. S., Brock Ave. to Freeman	61.50
Fair	N. S., County to Crapo	85.20
Glennon	N. E. Corner Bowditch	12.50
	S. E. Corner Bowditch	12.50
	N. E. Corner Arlington	12.50
	N. W. Corner Arlington	12.50
	S. E. Corner Arlington	12.50
	S. W. Corner Arlington	12.50
Hawthorn	N. S., Cottage to County	1,630.70
	S. S., Cottage to County	75.00
	N. S., Rounds to Palmer	78.20
Hemlock	W. S., Fair to Rockland	107.00
Highland	W. S., Durfee to Mt. Vernon	86.00
	S. W. Corner Athol	12.50
	N. W. Corner Athol	12.50
Howard	N. S., Acushnet Ave. to Belleville Ave.	48.70
Hyacinth	W. S., Rivet to Thompson	104.00
Keene	N. S., Park to Liberty	6.90
Kempton	S. E. Corner Oneida	16.50
Liberty	S. W. Corner Hillman	16.10
Maple	N. S., Rotch to Brownell	30.80
Maxfield	N. W. Corner Emerson	12.60
Mechanic's Ln.	S. S., Pleasant to Purchase	143.00
	S. E. Corner Pleasant	12.50
Mt. Vernon	N. S., Richmond to Bullock	124.70
	N. W. Corner Shawmut Ave.	12.50
	S. W. Corner Shawmut Ave.	12.50
Nash Rd.	S. S., Acushnet Ave. to Front	62.80
Newton	W. S., Court to Elm	21.20
Orchard	E. S., Fair to Washington	74.10
	E. S., Rivet to Cove	4,065.20
	W. S., Rivet to Cove	481.20

CURBING—NEW—Continued

Street	Location	Length, ft.
Pearl	S. S., Pleasant to R. R.	
	N. S., Pleasant to R. R.	579.40
Penniman	S. S., Purchase to State	24.50
Park	W. S., Union to Court	189.80
Pierce	W. S., Court to Kempton	35.40
Purchase	E. S., Sawyer to Deane	1,663.00
	W. S., Sawyer to Deane	25.00
	W. S., Elm to William	39.50
	E. S., Bedford to Wing	7.00
Quansett	E. S., Deane to Coffin Ave.	86.80
	W. S., Deane to Coffin Ave.	31.50
Reed	S. W. Corner Arnold	12.40
Reynolds	W. S., Coggeshall to Adams	25.00
Richmond	S. W. Corner Athol	12.50
	S. E. Corner Athol	12.50
	W. S., Locust to Maitland	10.00
	W. S., Mt. Vernon to Athol	59.80
Rockdale Ave.	N. E. Corner Arnold	12.60
	S. E. Corner Arnold	12.50
	N. E. Corner Clinton	12.50
	S. E. Corner Clinton	12.50
	E. S., Elm to Kempton	89.40
Roosevelt	W. S., Cove to Ruth	44.00
Rotch	W. S., Arnold to Union	58.50
	E. S., Arnold to Union	44.35
	W. S., Arnold to Union	31.50
Rotch	E. & W. S. Arnold to Hawthorn	1,562.80
Hawthorn		
Brigham		
	E. & W. S., Hawthorn to Allen	
Rounds	W. S. Hawthorn to Maple	105.60
Ruth	S. S., Ashley to Salisbury	107.50
Second	W. S., Spring to Union	109.90
Shaw	S. E. Corner Arlington	12.50
	S. W. Corner Arlington	12.50
	S. E. Corner Concord	12.50
Sixth	W. S., Union to Park Place	60.60
Spring	N. S., Water to Purchase	228.00
	S. S., Water to Purchase	12.50
Tarkiln Hill Rd.	S. S., Belleville Ave. to River Rd.	68.15
Union	N. S., Park to Newton	52.10
	S. S., Armour to Rotch	52.90
Valentine	N. S., Brock Ave. to W. French Ave.	101.10

CURBING—NEW—Continued

Street	Location	Length, ft.
Washburn	N. S., No. Front to Belleville Ave.	214.10
Washington	N. S., County to Crapo	5.70
Water }	W. S., High to North	448.6
High }	N. S., Water to Second	30.8
		<hr/> 21,224.87

Total cost of new curb, \$34,440.66.

GUTTERS—NEW—1919

Street	Location	Length, ft.	Area, sq. yds.
Arnold	S., Reed to Rockdale	300.	116.6
	N., Jonathan to Rockdale	130	50.6
Arlington	E., Glennon to Query	255	99.2
	W., Glennon to Query	255	99.2
Athol	N., Highland to Bullock	286	111.20
Bates	S., Arlington to Concord	630	245.
Belleville	S., Bowditch to Brook	630	245.
	N., Bowditch to Brook	630	245.
Brook	E., Belleville Rd. to Glennon	160	62.2
	W., Belleville Rd. to Glennon	160	62.2
Bullock	E., Mt. Vernon to Potter	378	147.
	W. Mt. Vernon to Potter	378	147.
Carroll	N. Palmer to Reed	284	110.40
	S., Palmer to Reed	290	112.8
Central Ave.	N., Conduit to Acushnet Ave.	770	299.40
	S., Conduit to Acushnet Ave.	828	322.
Circuit	N., Bolton to Rockdale	592	230.2
	S., Bolton to Rockdale	592	230.2
Clinton	N. Brownell to Reed	676	262.9
	S., Brownell to Reed	676	262.9
	N., Rockdale to Reed	260	101.1
	S., Rockdale to Reed	311	120.9
Covell	S., Belleville Ave. (West)	540	210.
DeWolf	E., Mt. Vernon to Potter	344	133.80
	W., Mt. Vernon to Potter	335	130.30
Emerson	E., Maxfield to Sycamore	200	77.7
	W., Maxfield to Sycamore	200	77.7
E. French Ave.	W., Rodney to Frederick	603	234.5
Glennon	N., Brook to Edison	456	177.3
	N., Acushnet Ave. to Bowditch	980	381.1
	S., Acushnet Ave., to Bowditch	986	383.4
Gosnold	N., Bolton to Hemlock	625	243.5
	S., Bolton to Hemlock	631	245.4
Kempton	S., Jenny Lind to Oneida	219	85.2
Mt. Vernon	N. S. W., Shawmut Ave.	262	101.9
	S. S. W., Shawmut Ave.	262	101.9
Prospect	E. S. S., Grinnell	343	133.4
Rockdale Ave.	E., Clinton to Arnold	159	61.8
	E., Bank to Mathew	741	288.2

GUTTERS—NEW—Continued

Street	Location	Length, ft.	Area, Sq. Yds.
Rockdale Ave.	N., Bank to Stackhouse	181	70.4
	N., Stephen to Stackhouse	292	113.5
	S., Stephen to Stackhouse	260	101.1
	N., Stephen to Dartmouth	500	194.4
	S., Stephen to Dartmouth	490	190.5
	S., Stackhouse to Sharp	620	241.1
Shaw	S., Concord to Acushnet Ave.	520	202.2
West	E. S. N., Priscilla	60	23.3
		<hr/> 202.80	<hr/> 7,886.60

Total cost of new gutters, \$8,862.58.

FILLING AND GRADING—1919

Street	Location	Cost
Athol	Highland to Bullock	\$115.21
Arlington		284.99
Arnold	North of Palmer	436.25
Bedford	Brownell to Reed	281.70
Beech	North to Hillman	89.22
Belleville Ave.	Holly to Tallman	441.41
Belleville Rd.	Bowditch to Brook	330.70
Bowditch	Tarkiln Hill Rd. to Acushnet Ave.	31,516.42
Branchaud	Conduit to Acushnet Ave.	3,179.63
Brock Ave.	Hudson, North	1,100.29
Brownell		352.33
Buchanan	Summer to Mt. Pleasant	63.43
Carroll	Brownell to Reed	290.89
Central Ave.	East of Acushnet Ave.	681.48
Church	North of Tarkiln Hill Rd.	317.42
Circuit	Rockdale Ave. to Bolton	85.61
Clinton	Rockdale Ave. to Reed	792.89
Collette	Riverside Ave. to Belleville Ave.	801.44
Conduit	Hersome to Branscomb	913.75
David	Belleville Ave. to Riverside	329.38
Emerson	South of Smith	142.97
Farm	West of Brigham	2,742.67
Felton	North of Wood	344.70
Garfield	Summer to Myrtle	1,486.25
Gifford		1,911.96
Gosnold		173.72
Hadley		608.12
Hawes	Tarkiln Hill Rd. to Brockton	1,897.53
Harwich	Acushnet Ave. to Conduit	356.03
Hatch	Acushnet Ave. to Belleville Ave.	317.44
Hemlock	Rockdale Ave. to South 500'	193.76
Hillman	Beech to Hunter	499.09
Holyoke	Lowell to Lawrence	70.00
Irvington	Seabury to Church	307.20
Jenkins	Hemlock to Dartmouth	68.33
Joyce	Bowditch to Acushnet Ave.	319.41
King	East Side North Belleville Rd.	624.14
Kings Highway	East Mt. Pleasant	262.34

FILLING AND GRADING—Continued.

Streets	Location	Cost
Lawrence	Holyoke to Tarkiln Hill Rd.	\$70.00
Lowell	Brockton to Lynn	233.19
Mt Vernon	West Shawmut Ave.	58.42
North	West Rockdale Ave.	51.18
Phillips Ave.	Belleville Ave. to Riverside	331.03
Reed	Arnold to Union	113.91
Rockdale Ave.	South of Mathews	2,299.50
Rochambeau	Irvington North	141.62
Stackhouse	North of Rockdale Ave.	72.23
Stephen	North of Rockdale Ave.	82.44
Swift		842.97
Van Buren	Mt. Pleasant to Summer	105.00
Washburn	North Front to River	280.39
Winterville Rd.	West of Rockdale Ave.	99.55
Miscel. Charges	Sundry Streets Costing Less Than \$50	3,826.73
		<u>\$63,338.26</u>

GRANOLITHIC SIDEWALKS

Street	Location	Area, sq. yds.
Acushnet Ave.	No. 279, South of School	38.36
Acushnet Ave.	No. 285, South of School	44.40
Acushnet Ave.	W. S., North of Blackmer	21.18
Acushnet Ave.	Corner No. Front	83.59
Acushnet Ave.	Nos. 1634, 1636, 1638, 1642	92.78
Acushnet Ave.	No. 1364, Nye to Bullard	8.40
Acushnet Ave.	No. 452, West of Reed.	42.43 }
		4.88 }
Acushnet Ave.	W. S., North of Davis	43.10
Acushnet Ave.	No. 1700, South of Nash Rd.	63.55 }
Nash Rd.	West of Acushnet Ave.	87.31 }
Acushnet Ave.	No. 157, South of Wing	48.24
Acushnet Ave.	E. S., South of Whitman	99.27 }
Whitman	S. S., East of Acushnet Ave.	11.14 }
Acushnet Ave.	W. W., North of Deane	174.62
Acushnet Ave.	Nye to Bullard	7.50
Arnold	No. 28, West of County	37.13
Arnold	No. 366, East of Brownell	26.14
Arlington	Nos. 56-58, North of Query	15.10
Ashley	No. 38, South of Ruth	66.36
Bedford	No. 363, West of Brigham	52.70
Bedford	Nos. 384-386	28.30
Belleville Ave.	No. 928, South of Tarkiln Hill Rd.	99.61 }
Tarkiln Hill Rd.	S. S., East of Belleville Ave.	71.49 }
Blackmer	Nos. 191-193, West of Acushnet Ave	42.40
Blackmer	No. 189, West of Acushnet Ave.	29.14 }
Acushnet Ave.	W. S., North of Blackmer	52.08 }
Bowditch	No. 249, South of Phillips Ave.	47.77
Bowditch	Nos. 388-340, South of Tinkham	41.13
Brock Ave.	No. 872, North of David	74.12
Brownell	No. 196, North of Arnold	29.35
Campbell	N. S., West of County	9.60
Campbell	No. 87, South of Summer	41.34
Carroll	No. 109, West of Brownell	33.30
Central Ave.	No. 140, West of Concord	43.76
Chancery	Nos. 139-137-135-133-129	69.74
Chestnut	No. 11, South of Mill	13.85
Clinton	N. S., West of Reed	26.36 }
Reed	W. S., North of Clinton	4.88 }
Coffin Ave.	Nos. 229-241, West of Front	121.66
Coggeshall	No. 277	6.12
Coggeshall	N. S., Mitchell to River	489.30
Collette	Nos. 130-134.	80.23
Collette	No. 269, West of Bowditch	42.25
Collette	No. 144, East of Front	42.32
Cottage	No. 283	5.04

GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area, sq. yds.
Cottage	No. 188	1.69
Cottage	No. 685, North of Collins	37.19 }
Collins	N. S., West of Cottage	43.16 }
Cottage	No. 667	2.60
County	South of Merrimac	87.62
County	Nos. 239-241	63.80 }
Fair	N. S., West of County	71.23 }
County	W. S., South of Kempton	13.97
County	W. S., North of Independent	94.18 }
Independent	N. S., West of County	81.96 }
Court	S. S., West of Park	33.40
Court	No. 55, West of Cottage	5.78
Court	N. S., Ash to Emerson	183.67
Court	N. W., Corner Cedar	1.31
Cove	No. 169, N. E. Corner Second	6.42
Crapo	No. 79, North of Rivet	35.11
Dartmouth	No. 317, South of Edward	44.07
Davis	No. 162, West of Belleville Ave.	5.11
Davis	No. 297, West of Bowditch	27.13
Davis	No. 301, West of Bowditch	27.24
Davis	No. 305, West of Bowditch	27.94
Davis	No. 309, West of Bowditch	31.52
Davis	No. 300, East of Brook	24.24
Davis	No. 312, East of Brook	71.82
Delano	N. S., West of Front	71.80
Dudley	No. 11, West of Brock Ave.	21.58
Dudley	No. 15, West of Brock Ave.	20.92
Dudley	No. 19, West of Brock Ave.	24.58
Dudley	No. 23, West of Brock Ave.	21.29
Dudley	No. 25, West of Brock Ave.	20.57
Dudley	No. 27, West of Brock Ave.	20.83
Dudley	No. 31, West of Brock Ave.	34.00
Dudley	No. 35, West of Brock Ave.	26.36
Ellen	No. 89, West of Brock Ave.	27.84
Ellen	No. 99, West of Brock Ave.	31.18
Earle	No. 181, West of No. Front	25.01
Fair	No. 103, East of Orchard	50.67 }
Orchard	E. S., North of Fair	67.04 }
Forest	No. 78, East of Bonney	17.53
Grinnell	No. 128, West of Purchase	38.51
Hemlock	Nos. 9-11, South of Fair	43.43
Hemlock	No. 5, South of Fair	61.87
High	S. S., West of Acushnet Ave.	9.37

GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area Sq. Yds.
Highland	Nos. 79-81, South of Mt. Vernon	24.13
Highland	Nos. 83-85, South of Mt. Vernon	26.67
Highland	Nos. 87-89, South of Mt. Vernon	26.69
Hillman	No. 98, East of County	38.86
Howard Ave.	Nos. 117-119	32.90
Hunter	No. 18, North of Mill	18.24
Kempton	No. 118, West of Purchase	43.70
Maple	No. 271, East of Brownell	28.10
Mill	No. 39, West of Purchase	9.37
Morgan	No. 13	6.58
Mt. Vernon	No. 73, West of Richmond	46.84
Richmond	North of Mt. Vernon	60.04
Mt. Vernon	No. 83, West of Richmond	22.25
Nash Rd.	N. S., West of Brook	166.10
Brook	W. S., North of Nash Rd.	63.03
Nash Rd.	S. S., East of Bowditch	120.69
Newton	No. 59, South of Elm	21.66
North	S. S., County and Summer	15.95
No. Front	W. S., North of Earle	50.72
No. Front	Nos. 148-150-152	80.89
No. Front	Nos. 142-146, North of Washburn	76.08
Old Mkt. Sq.	N. S., East of Acushnet Ave.	47.14
Orchard	No. 486, Rivet and Katherine	72.95
Orchard	No. 183, North of Bedford	32.18
Park	W. S., Union and Court	120.26
Penniman	S. S., East of State	47.00
Pierce	Nos. 35-46, North of Court	9.81
Pierce	No. 109, South of Kempton	24.77
Pleasant	No. 664, South of Elm	7.64
Pleasant	No. 678, East Side	10.13
Elm	North Side	5.22
Pleasant	No. 1104	7.27
Purchase	1071 to 1079, North of North	88.66
Purchase	E. S., North of Wing	7.46
Purchase	W. S., North of Mechanics Lane	45.41
Reynolds	W. S., North of Coggeshall	125.35
Rockdale Ave.	No. 790, South of Kempton	74.93
Roosevelt	No. 27, North of Ruth	42.61
Rotch	No. 123, South of Union	51.64
Rivet	No. 195, West of Hyacinth	48.18
Hyacinth	W. S., North of Rivet	99.08
Rivet	No. 197, West of Hyacinth	41.78

GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area Sq. Yds.
Rotch	No. 115, South of Union	30.85
Rotch	No. 90, North of Arnold	22.26
Ruth	No. 88, West of Ashley	49.95
Ruth	No. 92, West of Ashley	44.36
Ruth	No. 96, West of Ashley	40.62
Smith	No. 9, East of County	40.43
South	No. 107, East of Crapo	34.91
South	No. 109, East of Crapo	36.14
Second	W. S., North of Spring	118.85
Acushnet Ave.	E. S., North of Spring	104.31
Spring	N. S., Acushnet Ave. and Second	166.37
So. Second	No. 612, E. S., North of Cove	8.20
Summer	Nos. 279-281, North of Locust	39.44
Summer	W. S., North of Locust	78.44
Spring	N. S., East of Purchase	81.81
Tremont	W. S., North of Court	25.16
Union	N. S., West of Park	41.70
Union	No. 590, East of Armour	50.50
Armour	E. S., South of Union	23.10
Union	No. 585	4.06
Union	N. S., East of Sixth	78.98
Sixth	E. S. North of Union	73.28
Union	No. 411, West of Ash	31.97
Valentine	No. 24, West of Brock Ave.	33.06
Valentine	Nos. 26-28, West of Brock Ave.	31.62
Valentine	Nos. 30-32	30.94
Walnut	No. 36, East of Purchase	27.76
Washburn	No. 15	38.53
Washburn	No. 19	44.27
Washburn	No. 23	46.88
Washburn	Nos. 25-27	65.95
Washington	No. 53	12.67
Water	Nos. 537-539-543	40.96
Water	W. S., High to North	289.15
High	N. S., West of Water	158.29
Weld	N. S., East of Purchase	15.20
William	Nos. 75-77-79-81-85-89, E. of Purchase	125.32
Willis	No. 76, East of Summer	32.12
		8,477.23

Contracted Bills—Laying Granolithic Walks.....\$12,715.87
 Miscellaneous charges 190.98
 Labor excavating, preparing foundation, tools and
 supervision for 8,477.23 square yards..... 9,072.34
 \$21,979.19
 Average cost per square yard..... \$2.57

**Macadam Loan
Account**

MACADAM LOAN ACCOUNT

Appropriation	\$ 64,000.00
Receipts	11,425.79
Total	<u>\$ 75,425.79</u>
Expenditures	75,232.79
Bal.....	<u>\$ 193 00</u>

MACADAM — PENETRATION.

Street	Location	Sq. Yds.	Cost
Allen	Brownell to City Line	5,155	\$3,747.42
†Arnold	County to Orchard		145.50
Arnold Place	Width of Gutter	696	1,238.94
Bedford	Brownell to Brigham	1,653	1,641.55
Bullock	Potter to Mt. Vernon	973.3	899.58
†Belleville Ave.	South of Main		449.48
Carroll	Brownell to Palmer	746.6	627.68
*Central Ave.	Acushnet Ave. to Conduit	2,106.6	2,764.28
Clara	Cleveland to Brock Ave.	1,333.3	1,464.09
Clinton	Brownell to Rounds	416	873.27
Covill	Belleville Ave. to Acushnet Ave.	2,893.3	3,110.31
DeWolf	Mt. Vernon to Potter	650	760.36
Kempton	Oneida to Jenny Lind	400	1,228.92
High	Acushnet Ave. to Foster	1,126	725.80
Larch	Hemlock to Dartmouth	1,320	1,387.46
Maple	Brownell to Palmer	1,066.6	496.08
Prospect	Sq. Prospect, South	1,380	310.73
*Shaw	Bowditch to Acushnet Ave.	4,373.8	2,880.08
Spruce	Sycamore to Smith	480	408.19
Riverside Ave.	Belleville Rd. to Hathaway	3,333	3,478.84
Rockdale	Dartmouth to Bolton		2,048.01
Union	Rounds to Reed	1,200	766.97
Wood	Acushnet Ave. to Vernon	3,680	4,939.97
			36,393.51

*Carried forward to 1920.

†Brought forward from 1918.

RESURFACING PENETRATION MACADAM

Street	Location	Sq. Yds.	Cost.
Brock	Intersection of Orchard	400	\$129.03
Ash	Arnold to Union	9.33	239.78
Delano	County to Water	1,380	944.77
Hathaway	Bowditch to Acushnet Ave.	1,240	1,944.36
Liberty	Kempton to Maxfield	2,000	2,536.45
Pearl	County to Pleasant	1,555.5	894.55
Willis	Pleasant to Summer	2,440	1,790.74
Wing	Acushnet Ave. to County	1,610	907.86
Tarkiln Hill Rd.	Acushnet Ave. to Acushnet Line	2,133	567.19
			<u>\$9,954.73</u>

MACADAM—WATERBOUND

Street	Location	Sq. Yds.	Cost
Emerson	Sycamore to Maxfield	400	\$381.96
E. French Ave.	Mott to Butler	3,455	2,603.88
Junior	Arnold to Union	1,180	391.17
Middle	Newton to Florence	2,460	868.91
Myrtle	Cedar Grove to Penniman	680	698.58
Mt. Pleasant	Sacred H. Cemetery to Nausett	2,400	948.55
Smith	Cedar to Park	1,900	1,381.66
Query	Front of Garage	1,067	548.30
Misc.			1,592.60
Misc.	Bituminous and Relaid		19,468.94
			<u>\$28,884.55</u>

Bridges

BRIDGES — 1919.

Appropriation.....	\$17,800.00
Expenditures	20,533.47

Dr.....\$ 2,733.47

* New Bedford and Fairhaven Draw Bridge,	\$17,405.65
** Coggeshall St. Bridge,	3,080.66
Slocum Rd.	14.00
Turner's, Plainville	25.95
Phillips Rd.	7.21
	<u>\$20,533.47</u>

* Expenditures Draw Bridge,	\$17,405.65
* For Fender Pier from Highway improvements,	10,729.32
* Highways and Streets	1,136.56 ***
(Frank Taylor, Repairs to accident)	

\$29,271.53

* One-fifth share to Town of Fairhaven,	\$ 5,738.13
** One-fourth share to Town of Fairhaven,	770.16
*** One-half paid by New England Navigation Co.	

**ANNUAL REPORT OF THE NEW BEDFORD AND
FAIRHAVEN DRAWBRIDGE.**

Year Ending December 31, 1919.

Month	Boats	Tugs	Barges	Schooners	Steamers	Craft	Openings	Tons
January	4	214	74	1	0	293	205	37,775
February,	10	183	56	1	2	252	182	33,375
March,	60	129	24	2	8	223	180	26,225
April,	139	172	52	0	2	365	274	36,000
May,	201	182	32	4	4	423	329	25,675
June,	171	176	43	2	32	424	348	13,500
July,	172	168	70	10	8	428	335	20,300
August,	219	246	73	6	6	550	405	41,225
September,	207	249	80	10	6	552	387	39,025
October,	170	194	45	10	7	426	322	22,775
November,	131	190	27	2	26	376	261	43,075
December,	31	251	62	2	19	365	266	40,475
Totals	1515	2354	638	50	120	4677	3494	382,425
1918	925	2,148	544	52	317	3986	2614	628,200
Oct. 11, 1900 to Dec. 31, 1919.	32,334	28,068	11,307	1,579	2,531	78,646	56,583	6,279,715

Forestry

CITY FORESTRY.

Appropriation.....	\$9,000.00
Expenditures.....	11,237.71
	<hr/>
Balance.....	\$2,237.71

EXPENDITURES.

Cutting, spraying, removing and trimming trees,	\$8,414.42
Gypsy moth hunting	1,015.21
Supplies, repairing tools, etc.	1,808.08
	<hr/>
	\$11,237.71

Sewers and Drains.

SEWERS AND DRAINS — 1919.

Appropriation.....	\$ 24,000.00
Receipts.....	32,199.03
	<hr/>
Total.....	\$ 56,199.03
Expenditures	58,002.03
Dr. Balance.....	\$ 1,803.00

NET EXPENDITURES.

Appropriation,	\$ 24,000.00
Dr. Balance.....	1,803.00
	<hr/>
Total.....	\$ 25,803.00

GROSS EXPENDITURES.

Auto truck,	\$1,330.92
Catch-Basins cleaned,	8,393.62
Catch-Basins Repaired,	1,613.54
Culverts, new and repaired	701.95
Eyeholes, cleaned	42.23
Eyeholes, repaired	89.47
Manholes, repaired	238.95
Manholes, cleaned	7.70
Sewers cleared	757.94
Sewers repaired	454.27
Surface Drains, new	140.14
Surface Drains cleared	10.32
Surface Drains, repaired	244.89
Drains to Houses, new, cleared and repaired,	11,933.15
Stock, carting and handling	816.74
Dredging, Maxfield St. dock	2,058.30
Tools, new and repaired	496.52
Track drains, repaired	32.26
Labor, Supplies and Stock	28,639.12
	<hr/>
	\$ 58,002.03

DRAINS LAID.

Number	Size Pipe	Length Feet	Cost
258	6 inch	7,640	\$ 11,397.03
1	8 inch	28	25.20
2	10 inch	54	198.01
261		7,722	\$11,620.24

261 Drains laid, cost. \$11,620.24

76 Drains repaired, cost. 1,081.10

350 Drains cleared, cost 762.24

Total Cost. \$13,463.58

**Sewer Construction
Account.**

SEWERS.

Street	Location	Type of Construction	Size	Length in Feet	Cost
Acushnet Ave.	Potomska to Rockland	Clay Pipe	12"	498	\$ 814.88
* Aquidneck	Acushnet River, westerly 1114 ft.	" "	15" 12" 8"	1114-144	3,828.55
* Arlington	Central St., to 80 ft. so. of Shaw	" "	8"	192	389.13
	Query to Shaw-Concord	" "	12" 10"	498	1,055.76
* Avon	Rocdale Ave. to 80 ft. no. of Frank	" "	10" 8"	456	179.20
	Truro to Sylvia	" "	15" 12"	793	1,853.10
* Branscomb	From Conduit, easterly	" "	10" 8"	293-293	957.75
* Bolton	Frank and Hemlock	" "	15" 12" 10"	298-298	11,551.31
	Sidney to Winsper	" "	24" 20" 18"		
		" "	15" 12"	1189	4,667.38
* Bowditch	So. line Brooklawn to Tarklin Hill Rd.	" "	15" 12" 10"	1282-2110	14,122.72
* Carroll	Palmer to Rockdale	" "	15"	564	5,047.81
* Central Ave.	Church St., easterly 420 ft.	" "	8"	576-435	1,345.76
		" "	24"	1160	27,867.59
* Church	Reed to Rockland	" "	8"	310	919.94
* Clinton	Brock Ave. to Mosher	" "	15"	275	2,027.52
* Crapo	Mosher, Hemlock to town line	" "	8" 12"	484	208.52
* Frank	Pres. term. easterly	Wood			800.67
* Gifford	Cottage to 115 ft. no. of Anthony	Clay " &	8"	373	1,021.70
* Grove	Harwick, Plymouth, Dawson, Conduit	Seg. Blks.	20"	482-482	9,480.06
* Harwick	Bullard	Clay Pipe	10"	724	3,312.16
	Extension-foot of Howland	" "	4x4-16"	144.9	3,287.22
* Howland	Hemlock to Dartmouth	Concrete	18"	950	7,219.01
* Jenkins	From Acushnet River	Clay Pipe	15"	470	3,094.22
* Liberty	Nausett to Jefferson	" "	36"	234	
* Manomet		Seg. Blks.	8"	231	10,294.77
* Myrtle	Hawthorne-northerly 206 ft.	Clay Pipe	15"	573	784.88
* Palmer	Palmer to Rockdale Ave.	" "	15"	218	5,098.11
* Plymouth	Bullock to Highland	" "	8"	255-255	772.00
* Potter	Westerly to east line and to Dartmouth line	" "	15" 12"	748-748	2,826.12
* Winterville Rd.	Belleville Ave. to Acushnet Ave.	" "	15" 12" 10"		2,840.66
* Wood					127,668.50

* Carried forward to 1920.

CATCH-BASINS—NEW

Street	Location	Cost
*Acushnet Ave. Arlington	N. E. Corner Deane S. W. Corner Central N. W. Corner Central Ave.	\$17.72 100.32 123.73
Banks	N. E. Corner Rockdale Ave.	224.14
Bedford	N. W. Corner Brigham	117.29
Belleville Rd.	S. S., East of Acushnet Ave.	122.20
	N. S., East of Acushnet Ave.	117.86
Belleville Ave.	S. W. Corner Sylvia	113.97
	S. W. Corner Wood	118.69
	E. S., Foot of Tallman	135.41
Bullock	N. E. Corner Athol	148.16
Central Ave. Concord	N. W. Corner Concord S. W. Corner Central Ave.	139.45 143.43
	E. S., Between Bates and Hatch	170.86
Conduit	E. S., Between Shaw and Bates	100.72
	S. W. Corner Central Ave.	126.95
Copper	N. S., East of Front	121.85
County (2)	W. S., Between Thompson and Rivet	344.57
Covill	S. S., Between Belleville Ave. and Acushnet Ave.	170.56
	N. S., Between Belleville Ave. and Acushnet Ave.	132.22
Desautels	S. W. Corner Belleville Rd.	125.41
E. French Av. Emerson	W. S., Between Frederick and Rodney N. E. Corner Maxfield	145.70 106.14
Farm First	N. W. Corner Brigham E. S., South of Spring W. S., South of Spring	118.87 145.43 137.47
Glennon	N. W. Corner Arlington	124.49
Healey	N. E. Corner Belleville Rd.	\$126.60
Mill	S. S., Bet. Kempton & Rockdale Ave. N. S., Bet. Rockdale Ave. & Kempton	92.76 140.95
Orchard	S. W. Corner Winsor N. W. Corner Winsor	217.24 163.68
Prospect	N. E. Corner South S. W. Corner South N. W. Corner South	82.46 99.77 103.48

CATCH-BASINS—NEW

Street	Location	Cost
Purchase St.	E. S., North of Sawyer	98.66
	E. S., South of Dean	98.21
	W. S., North of Dean (2)	139.34
Quansett	W. S., North of Dean	135.39
Rockdale Ave.	N. W. Corner McCabe	137.04
Second	N. W. Corner Walnut	189.83
Shaw	S. W. Corner Concord	114.84
Shawmut Ave.	S. E. Corner Potter	179.40
Turner	S. E. Corner Grand	136.82
Mis. Charges		706.17
		<u>\$6,656.25</u>

*Incomplete

EYEHOLE—NEW

Street	Location	Cost
Acushnet Ave.	N. W. Corner Deane	\$53.58
Belleville Av (2)	N. W. Corner Holly	143.40
Belleville Rd.	N. E. Corner Merrill	113.42
Brock Ave.	N. S., E. of Orchard	176.52
Conduit	E. S., Between Bates and Hatch	26.65
	S. W. Corner Central Ave.	58.51
	N. W. Corner Central Ave.	37.24
Fruit	S. W. Corner Juniper	77.96
Gifford	N. S., W. of Harbor	130.35
Orchard (8)	W. S., Between Brock Ave. & Winsor	651.68
Orchard (7)	E. S., Between Brock Ave. & Winsor	557.11
Pearl	N. S., W. of Acushnet Ave.	12.29
Purchase (2)	W. S., North of Deane	183.02
Smith	S. W. Corner Spruce	52.91
Charges— Nield Mill	Yard	19.32
		<u>\$2,293.96</u>

CATCH-BASINS—NEW

Street	Location	Cost
Purchase	E. S., No. of Sawyer	\$52.62
Quansett	W. S., North of Deane	52.20
Walnut	N. W., Corner Second	63.34
		<hr/> \$168.16

EYEHOLE—NEW

Street	Location	Cost
Gifford	N. S., West of Harbor	\$49.94
		<hr/> \$49.94

MANHOLES—NEW

Street	Location	Cost
Mill	Kempton to Rockdale Ave.	\$29.85
		<hr/> \$29.85

From Sewers and Drains Account.

MANHOLES—NEW

Street	Location	Cost
Belleville Ave.	Corner of Tallman	\$97.46
Brock Ave.	Between Emma and David	108.76
*Central Ave.	Corner Conduit	21.95
County	South of Fair	88.18
Mill	N. S., East of Rockdale Ave.	111.26
Mosher	Between County and Crapo	126.68
Purchase	E. S., Between Wing and Grinnell	148.92
State	Between Hazzard and Austin	24.15
Thompson	W. of Warwick	89.45
Mis. Charges		40.77
		<hr/> \$857.58

*Incomplete.

Garbage Collection

GARBAGE COLLECTION

Appropriation	\$ 44,300.00
Expenditures	44,467.15
	<hr/>
	\$167.15

CITY OF NEW BEDFORD.

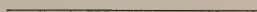


IN BOARD OF ALDERMEN,

May 13, 1920.

Received, ordered printed in City Documents for concurrence.

W. H. B. REMINGTON,
City Clerk.



IN COMMON COUNCIL,

May 13, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

CITY OF NEW BEDFORD, MASS.

Fiftieth Annual Report

OF THE

NEW BEDFORD WATER BOARD

TO THE

CITY COUNCIL

CONTAINING

I

THE REPORT OF THE WATER BOARD FOR 1919

II

THE REPORT OF THE WATER REGISTRAR

III

THE REPORT OF THE SUPERINTENDENT

January 1, 1920.

NEW BEDFORD, MASS.
E. ANTHONY & SONS, Incorp., PRINTERS
1920

NEW BEDFORD WATER BOARD

1920.

CHARLES S. ASHLEY.....	{	<i>Mayor of City and</i>
		<i>President of Water Board</i>
FRANK A. McNULTY.....		<i>President of Common Council</i>
HERBERT E. CUSHMAN.....		<i>Term expires June, 1920</i>
WILLIAM H. PITMAN.....		<i>Term expires June, 1921</i>
FREDERIC H. TABER.....		<i>Term Expires June, 1922</i>

ROBERT C. P. COGGESHALL.....	<i>Clerk of Board and Supt.</i>
STEPHEN H. TAYLOR.....	<i>Assistant Superintendent</i>
CLIFFORD BAYLIES.....	<i>Water Registrar</i>
ADONIRAM S. NEGUS.....	<i>Chief Pumping Engineer</i>
GEORGE F. BURGESS.....	<i>Assistant Pumping Engineer</i>
JOHN C. DEMELLO, JR....	<i>Foreman, Distributing System</i>
ARTHUR R. WEEKS.....	<i>Clerk</i>
GILBERT H. DODGE.....	<i>Clerk and Draftsman</i>
E. MAUDE BUTTS.....	<i>Clerk</i>
DOROTHY ALTMAN	<i>Stenographer</i>
WARREN TATTERSALL	<i>Water Registrar's Clerk</i>
FRANK M. HAMLIN.....	<i>Water Registrar's Clerk</i>
ALFRED BRADLEY	<i>Water Registrar's Clerk</i>
ARTHUR F. CALDWELL.....	<i>Inspector</i>
THOMAS RAWCLIFFE	<i>Inspector</i>
LESTER F. SPOONER.....	<i>Inspector</i>
ROBERT G. REFUSE.....	<i>Inspector</i>
GEORGE HUTCHINSON	<i>Inspector</i>
WALTER GARDNER	<i>Inspector</i>
WENDELL M. HARDY.....	<i>Inspector</i>
PETER CARTER, JR.....	<i>Inspector</i>

CITY OF NEW BEDFORD, MASS.,
OFFICE OF THE NEW BEDFORD WATER BOARD,
DECEMBER 30, 1919.

To the City Council of the City of New Bedford:

GENTLEMEN:—In accordance with the provisions of the Water Ordinance, the New Bedford Water Board respectfully submit their fiftieth annual report. Accompanying it, will be found the reports of the Water Registrar and the Superintendent.

The following abstract, drawn from the report of the Water Registrar, shows the financial operations of the past year in condensed form:

RECEIPTS.

Balance Dec. 1, 1918.....	\$40,030.13
Receipts from water rates.....	\$375,758.66
Receipts from other sources.....	30,722.71
	<hr/>
	\$446,511.50

PAYMENTS.

Management and repairs, less interest, bonds paid and sinking funds.....	\$154,327.60
Extension of works.....	70,504.17
Interest paid.....	70,860.00
Bonds paid.....	19,000.00
Sinking funds.....	27,900.00
Balance December 1, 1919.....	<hr/>
	342,591.77
	103,919.73
	<hr/>
	\$446,511.50

The actual outlay for the construction of these works, exclusive of debt, interest, and management and repair account is..... \$4,447,721.66

Increase in 1919:

Lands around ponds.....	\$1,250.00
Distribution	31,672.15
Assistant engineer's house.....	2,000.00
Workshop and pipe-yard.....	8,843.18
Garage addition	4,217.19
	<hr/>
	47,982.52
	<hr/>
	\$4,495,704.18

On February 13th, Herbert E. Cushman was elected a member of this Board to fill the vacancy caused by the death of Lettice R. Washburn; and on June 12th, Frederic H. Taber was re-elected a member for a term of three years.

The present year shows a return to normal building activities, as evidenced by the petitions for extensions of main pipes and service supplies. Fifty-five petitions for extensions of main pipe have been received, fifty-three of which were granted. The main pipes have been extended 2.8786 miles. Two hundred ninety-eight services have been laid to supply new buildings.

Early in the year, it came to the knowledge of this Board that a Bill had been introduced into the State Legislature, which if passed, would have removed all restrictions on boating and fishing in ponds used for public water supply, except those from which a supply is directly drawn. As this was deemed liable to allow the pollution of water in Great Quittacas Pond, one of the supplies to this City, a protest was made against its passage by writing to the senator and representatives from this district. The bill passed the House of Representatives, but was tabled in the Senate.

On May 14th, the Fuel Committee of the City Council awarded a contract for 1,800 tons of Pocahontas coal to David Duff & Son, at \$8.22 per net ton. This coal has all been received at the Pumping Station.

The following are the principal contracts which have been executed this year:

Date 1919	Contractor	Supply	Consideration
Jan. 18	Art Metal Construction Co.	Steel Desk	\$118.00
Jan. 29	E. Anthony & Sons, Inc.	Printing Report	\$293.00
Feb. 7	A. & M. Motor Car Co.	Tires	\$582.37
Mar. 15	Oxweld Acetylene Co.	Cutting & Welding Apparatus	\$306.74
Mar. 18	Richards & Co.	Pig Lead	5.75c per lb.
Apr. 1	John McCullough	bought	
Apr. 17	S. C. Lowe Supply Co.	Scrap Iron Cotton Rubber Lined Hose	82½c per cwt. \$204.00
June 7	Chadwick-Boston Lead Co.	Lead Pipe	\$6.60 per cwt.
June 7	Charles C. Whitman	Chestnut R. R. Ties	98c each
June 18	Geo. Kirby Jr. Paint Co.	White Lead	\$11.18 per cwt.
June 24	Donaldson Iron Co.	Cast Iron Pipe	6" pipe \$46.00 per T.
June 28	Clinton Wire Cloth Co.	Wire Screen	33¾c per sq. ft.
Aug. 4	Geo. Kirby Jr. Paint Co.	Linseed Oil	\$2.25 per gal.
Aug. 5	Wales Adding Machine Co.	Adding Machine	\$305.00
Aug. 21	Gunning Boiler Machine Co.	Exchange Tires	\$388.14
Aug. 26	Chadwick-Boston Lead Co.	Lead Pipe	\$7.35 per cwt.
Aug. 27	Donaldson Iron Co.	Special Castings	\$115.00 per T.
Aug. 27	Fitz, Dana & Co.	Pig Lead	\$6.30 per cwt.
Sept. 16	Simpson Bros. Corp.	Block Paving	\$2.45 per sq. yd
Oct. 21	Wayne Oil Tank & Pump Co.	Gasoline Tank and Pump	\$349.60

By authority of the Legislature the State Department of Health are conducting investigations and surveys to determine the amount of water available in the Lakeville Ponds (which include among others Great and Little Quittacas Ponds) with reference to the possibility of establishing a metropolitan water supply for the cities of New Bedford, Fall River and Taunton, and the towns which may require a supply from these lakes.

This department is co-operating with the State Department as far as possible, and to that end have established a weir and hook guage box at the dam between Great Quittacas and Pockshire Ponds to determine the flow at that point. We are also furnishing them copies of our rainfall records and plans covering that section.

It has been deemed advisable to employ an Assistant Chief Engineer who would relieve the Chief Engineer of some of his work, and be prepared to take charge of the operations at the ponds and the Pumping Station, in case of illness or absence of the Chief Engineer. With the consent of the Civil Service Commission, Mr. Benjamin P. Pease was transferred to this position from the Municipal Building on March 3rd. On July 30th, Mr. Pease resigned, and a requisition was made on the Civil Service Commission for eligible candidates. As a result of an examination held for this purpose, two names were submitted from which to select such a man. On Nov. 7, Mr. George F. Burgess was appointed to this position. He assumed his duties on December 1st.

As it is necessary that the Assistant Chief Engineer reside near the Pumping Station, a house located on the Middleboro Road nearly opposite the chief's house was purchased. Necessary alterations and repairs on the place have been completed, and Mr. Burgess now occupies the house.

Respectfully submitted,

CHARLES S. ASHLEY,	}	New Bedford Water Board.
FRANK A. McNULTY,		
H. E. CUSHMAN,		
WILLIAM H. PITMAN,		
FREDERIC H. TABER,		

REPORT OF THE WATER REGISTRAR.

CITY OF NEW BEDFORD,
WATER REGISTRAR'S OFFICE,
DECEMBER 1st, 1919.

To the New Bedford Water Board:

GENTLEMEN:—I herewith present to you a detailed statement of the receipts and expenditures of the Water Works Department for the year ending at this date.

RECEIPTS.

Balance December 1, 1918,		\$40,030.13
---------------------------	--	-------------

Receipts for Water:

Rates, domestic me-		
ters,	\$181,386.48	
Rates, domestic es-		
timated,	572.38	
Building purposes,	752.86	
Meter rentals,	10,742.87	
Total domestic,	\$193,454.59	
Rates, manufacturing		
meters,	182,304.07	\$375,758.66

Other receipts:

Services,	6,637.77
Mains,	9,289.55
Meters,	5,796.33
Mill piping,	798.00
Lands, etc.,	421.98
Forestry operations,	2,461.36
Workshop,	339.82
Sealing mill fixtures,	387.78
Maintenance of horses,	113.85
Purchase St. Pumping Sta.,	728.12
Quittacas Pumping Station,	61.89
Fines,	113.00
Railroad,	21.00
High Hill Reservoir,	601.86

Miscellaneous,	201.43		
Police patrol,	2,748.97	30,722.71	406,481.37
Total,			\$446,511.50
Expenditures for the year ending Dec. 1, 1919,			342,591.77
Balance cash in treasury Dec. 1, 1919,			\$103,919.73

EXPENDITURES.

Management and repairs:			
Superintendent's Dept., salaries	\$17,209.93		
Water Registrar's Dept., salaries,	17,676.43		
Printing, stationery, advertising,			
postage and office supplies,	4,518.79		
Traveling expenses, express, tele- phone and telegraph,	793.51		
Quittacas Pumping Station:			
Salaries and labor,	\$16,965.20		
Fuel,	15,100.87		
Oil, waste, packing and lighting,	1,148.27		
Tools and supplies,	646.87		
Repairs steam engines,	758.67		
Repairs boilers,	279.97		
Repairs centrifugal pump and motor,	41.62		
Electric centrifugal pump, current,	6,935.92		
Other repairs,	2,141.58		
Buildings and grounds,	1,027.99		
Miscellaneous,	129.67	45,176.63	
Quittacas supply:			
Quittacas ponds,	557.57		
Lands and forestry operations,	8,411.25		
Engineer's house and barn,	291.03		
Railroad,	7,359.57		
48-inch steel force main,	2,361.15		
High Hill reservoir,	5,504.62	24,485.19	
Mains:			
Pipe,	451.06		
Stop gates,	1,173.43		
Hydrants,	709.06		
Flushing and inspecting,	664.15		
Street Dept., repair- ing streets,	214.35		
Miscellaneous,	18.59	3,230.64	
Services:			
Repairing and removing,	709.45		
Renewing and driving stop boxes,	582.19		

WATER REPORT.

9w

Cleaning stops, taps and pipe,	461.84	
Street Dept., repairing streets,	138.80	
Water cart and car sprinkler hydrants,	5.84	
Sealing and inspecting fixtures,	319.08	2,217.20
Fountains:		55.60
Meters:		6,534.33

General Maintenance:

Horses, carriages and automobiles,	14,010.55	
Labor at workshop,	5,459.03	
Materials at workshop,	621.33	
Fuel, lighting and power, workshop,	1,219.77	
Repairs, workshop, buildings and pipeyard,	598.90	
Miscellaneous,	446.90	
Industrial accident account,	10.00	
Taxes and insurance,	1,267.85	
Enlistment account,	2,083.39	
Police patrol of works,	323.11	
Addition and repairs, asst. chief engineer's house,	3,693.20	

Acushnet supply:

Storing reservoir and surroundings and dry swamp ditch,	525.49	
Receiving reservoir, pump well and Purchase St. station,	1,051.75	
Mount Pleasant reservoir	61.66	
Removing engines, etc., Purchase St. station,	1,056.42	2,695.32
		<hr/>
		\$154,327.60

Public debt:

Interest paid,	70,860.00		
Bonds paid,	19,000.00		
Sinking funds,	27,900.00	117,760.00	272,087.60

EXTENSIONS.

Mains:

Main pipe and special castings,	14,473.14
Stop gates,	779.41
Hydrants,	1,485.12
Lead and gasket,	3,555.72
Tools,	3,549.10
All other supplies,	806.20

10w

WATER REPORT.

Labor,	17,210.36		
Street Dept., repair- ing streets,	164.72	42,023.77	
Services:			
Pipe,	1,967.15		
Taps and stops,	5.50		
All other supplies,	489.46		
Labor,	5,775.35		
Plumbing,	574.01		
Street Dept., repair- ing streets,	1,133.90	9,945.37	
Meters:			
Cost of meters,	1,044.13		
Cost of setting,	317.01	1,361.14	
Fountains:		41.31	
Mill piping,		822.21	
Workshop and pipeyard improvement,		8,843.18	
Garage addition at workshop,		4,217.19	
Cost of assistant chief engineer's house and land,		2,000.00	
Lands bought around ponds,		1,250.00	70,504.17
Total expenditures for the year,			\$342,591.77
Whole outlay on the works to this date,			\$9,905,403.44
Balance Dec. 1, 1919,			103,919.73
			<u>\$10,009,323.17</u>

EXPENDITURES FROM THE BEGINNING OF THE WORKS,
INCLUDING 1919.

Acushnet Supply.	Payments.	Credits.	Net.
Dry swamp ditch and land,	\$23,503.76		\$23,503.76
Acushnet storing reservoir,	61,470.71		61,470.71
White homestead and land,	4,000.00		4,000.00
Dam at storing reservoir,	18,845.24		18,845.24
Conduit; lands, construc- tion and Whelden Mill property,	205,391.80	\$592.50	204,799.30
Purchase street receiving reservoir,	31,959.47		31,959.47
Pump well and culvert,	16,561.41		16,561.41
Engine house lot, Pur- chase street,	17,152.89		17,152.89
Engine house and coal shed,	100,771.51		100,771.51
Engines, Purchase street,	81,234.47		81,234.47
Standpipe,	6,109.93		6,109.93
Mt. Pleasant distributing reservoir,	65,292.66	2,209.76	63,082.90
	<u>\$632,293.85</u>		<u>\$629,491.59</u>

WATER REPORT.

11w

Quittacas supply.			
Lands around ponds,	\$120,269.84		\$120,269.84
Dam at Pocksha pond,	26,020.70		26,020.70
Quittacas pumping station, pump well, engines, intake, gate houses, connection between Quittacas ponds, and four boats,	372,672.73		372,672.73
Engineer's house at Lakeville and two barns,	9,568.51		9,568.51
Telephone lines,	2,168.64		2,168.64
Railroad, engine and cars,	73,631.64		73,631.64
Force main construction,	324,328.80		324,328.80
Force main land, etc,	51,717.67		51,717.67
High Hill reservoir,	181,405.06		181,405.06
Assistant chief engineer's house,	2,000.00		2,000.00
	<u>\$1,163,783.59</u>		<u>\$1,163,783.59</u>
Distribution and other items. Mains, services, hydrants, fountains, meters, mill piping,	3,120,459.90	530,760.46	2,589,699.44
Workshop, pipe yard and garage,	113,730.81	1,001.25	112,729.56
Old workshop, \$5,598.75	\$3,234,190.71		2,702,429.00
Land N. Water St., 900.00	6,498.75	6,498.75	
	<u>\$5,036,766.90</u>	<u>\$541,062.72</u>	<u>\$4,495,704.18</u>
Management and repairs,	2,409,416.40	93,416.97	2,315,999.43
	<u>\$7,446,183.30</u>	<u>\$634,479.69</u>	<u>\$6,811,703.61</u>
Int. paid, \$1,157,288.14			
Bonds paid, 629,000.00			
Sinking funds, 672,932.00	2,459,220.14		2,459,220.14
	<u>\$9,905,403.44</u>	<u>\$634,479.69</u>	<u>\$9,270,923.75</u>

The receipts from the commencement of the works have been as follows:

Appropriations by the City Council,		\$1,038,000.00
Further supply,		1,316,639.60
Duplicate supply main, 1910,		250,836.65
Special extensions, 1911,		151,391.78
Special extensions, 1912,		161,019.78
Receipts for water,	\$6,525,439.10	
Receipts from other sources,	634,479.69	7,159,918.79
		<u>\$10,077,806.60</u>

Less water receipts used by City Council in 1913,	38,483.43	
Less water receipts used by City Council in 1918,	30,000.00	68,483.43
		<hr/>
		\$10,009,323.17
Deduct total outlay,		9,905,403.44
		<hr/>
Balance as above Dec. 1st, 1919,		\$103,919.73
Outlay,	9,905,403.44	
Less credits,	634,479.69	9,270,923.75
	<hr/>	
Management and repairs,	2,409,416.40	
Less credits,	93,416.97	
	<hr/>	
	\$2,315,999.43	
Interest paid,	1,157,288.14	
Bonds paid,	629,000.00	
Sinking funds,	672,932.00	2,459,220.14
		4,775,219.57
		<hr/>
Actual cost of works,		\$4,495,704.18
Water receipts,		6,525,439.10
Deduct management and repairs, debt, interest and sinking funds,	4,775,219.57	
Amount used by City Council,	68,483.43	4,843,703.00
		<hr/>
Water receipts applied to construction,		\$1,681,736.10

The funds for the construction of these works have
been derived from the following sources:

Investment of Sylvia Ann Howland educational bequest,	\$100,000.00
Sylvia Ann Howland water bequest,	100,000.00
Received from sale of bonds,	815,000.00
Net receipts applied to construction,	1,681,736.10
Appropriation for construction in 1885,	23,000.00
Net proceeds of Further Supply bonds,	1,316,639.60
Net proceeds Duplicate Supply main 1910 bonds,	250,836.65
Net proceeds Special extension 1911 bonds,	151,391.78
Net proceeds Special extension 1912 bonds,	161,019.78
	<hr/>
	\$4,599,623.91
Deduct balance Dec. 1st, 1919,	103,919.73
	<hr/>
Net cost of works,	4,495,704.18

The water debt to date is as follows:

Water bonds 4 per cent,	\$120,000.00	
Water bonds 4 per cent (further supply),	1,200,000.00	
Water bonds 4 per cent (duplicate supply main),	168,000.00	
Water bonds 4 per cent (special extensions 1911),	110,000.00	
Water bonds 4 per cent (special extensions 1912),	118,000.00	
Water bonds 3½ per cent,	48,000.00	
Sylvia Ann Howland bequest 6 per cent,	100,000.00	
Total,		<u>\$1,864,000.00</u>

Less sinking funds in treasury:

No. 23	\$120,000.00 bonds due		
	April 1, 1924,	112,275.11	
	{ \$200,000.00 bonds due		
	Dec. 15, 1924,		
No. 24	{ \$400,000.00 bonds due		
	April 1, 1926,	965,382.01	
	{ \$600,000.00 bonds due		
	Jan. 1, 1927,		
No. 38	\$48,000.00 bonds due		
	June 1, 1930,	34,260.93	1,111,918.05
			<u>1,111,918.05</u>
	Net water debt Dec. 1, 1919,		\$752,081.95

Outlay for debt and management and repairs in 1919,	\$272,087.60
Outlay for extensions in 1919,	70,504.17
	<hr/>
	\$342,591.77
Less receipts other than water rates,	30,722.71
	<hr/>
Net expenditures in 1919,	\$311,869.06
Water receipts in 1919,	375,758.66
Water receipts in 1918,	371,429.86
	<hr/>
Increase in 1919,	\$4,328.80
Received from City departments,	
Water rates,	7,497.40
Miscellaneous, labor, material, etc.,	10,506.22
There remains unpaid of 4 per cent interest for the calendar year of	
1917,	\$80.00
1918,	40.00
1919,	2,000.00
	<hr/>
	\$2,120.00

Respectfully submitted,

CLIFFORD BAYLIES,
Water Registrar.

REPORT OF SUPERINTENDENT.

NEW BEDFORD WATER WORKS,
SUPERINTENDENT'S OFFICE,
DECEMBER 1, 1919.

To the New Bedford Water Board:

GENTLEMEN:—The fiftieth annual report of the Superintendent, for the year ending Nov. 29, 1919, is herewith respectfully submitted, it being the thirty-ninth annual report of the writer.

Through the courtesy of Mr. X. H. Goodnough, Chief Engineer of the State Department of Health, the results of chemical examinations of samples of water taken at various locations is herewith given. These show that the quality of the water remains excellent.

Copies of the rainfall records at the Little Quittacas Pumping Station and at the Long Plain storing reservoir appear upon the following pages.

RAINFALL AT LONG PLAIN FOR 1919.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1			.58					.56				
2					.82					.15	1.07	
3	3.50								1.25			
4												
5												
6	.20						.28			.11	1.16	
7					.14			.88				.25
8												
9			.94	.28		.56			.95			
10		.10					.13			.28		1.26
11			.07	.44								
12					1.92				.81	.22		
13											.35	
14								1.95		.54		.60
15									.11			
16		1.08					.95					
17				2.71	.35					.13		
18								.35				
19			2.26				1.35					
20						.71						
21										.51		
22					.79				1.72			
23	1.50	1.65		.15			1.72					
24												
25					.81			2.30				.45
26		1.13					.20				1.19	
27						1.58						
28			.60				.30			.20		
29											.85	
30								1.30				
31										.07		
Totals	5.20	3.97	4.45	3.58	4.83	2.85	4.93	7.34	4.84	2.21	4.62	2.56

Total fall for the year 51.38 inches.

RECORD OF RAINFALL AT QUITTACAS PUMPING STATION
FOR 1919.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1			.61					.56				
2					.79				.25	.12	.74	
3	3.12											
4	.16	.10		.07					1.07			
5					.05						.48	
6	.35		.25				.13			.26	.26	
7				.13	.06		.07	.80			.29	.25
8	.10						.13	.15				
9			.93	.15	.05	.10			.38			.25
10		.25		.16			.24		1.55	.30		.92
11			.08		1.20				.38		.07	
12				.35	.11				.41			
13					.15						.27	.32
14								1.60				.26
15	.06	1.03							.11			
16				.04			1.10					
17			.98	2.24			.09			.13		.10
18	.12				.45			.37				
19			1.08				1.67					
20						.66						
21				.12		.10						
22		.40			.32		.13	.12		.48		
23		1.10	.17		.61		1.70		1.79			
24	1.53							.12				
25					.48			2.14				.34
26		1.03					.28				.24	
27				.11		.25		.60			.93	
28			.73			1.31	.05			.22		
29	.04		.05								.95	.04
30			.09									
31								1.60		.27		
Totals	5.48	3.91	4.97	3.37	4.27	2.42	5.59	7.94	6.06	1.78	4.23	2.48

Total fall for the year 52.50 inches.

WATER ANALYSIS—STATE BOARD OF HEALTH PARTS IN 100,000

Number	Date of Collection	APPEARANCE			RESIDUE ON EVAPORATION			AMMONIA				Chlorine	Hardness	Iron
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Total	In solution	In suspension			
145069	1919 Jan. 27	V. slight	V. slight	.41	3.55	1.10	2.45	.0020	.0202	.0182	.0020	.56	1.0	.018
145815	Mar. 31	V. slight	V. slight	.37	4.30	1.85	2.45	.0008	.0220	.0196	.0024	.60	1.0	.010
146535	June 3.	V. slight	V. slight	.50	4.15	1.50	2.65	.0020	.0190	.0184	.0006	.54	1.0	.028
147621	Aug. 4	None	V. slight	.50	5.20	2.05	3.15	.0060	.0260	.0248	.0015	.52	1.1	.016
148596	Sept. 25	None	V. slight	.54	4.25	1.85	2.40	.0092	.0304	.0236	.0068	.53	1.0	.024
149170	Oct. 21	V. slight	None	.61	5.45	2.40	3.05	.0104	.0228	.0204	.0024	.48	1.3	.023
150006	Dec. 2	V. slight	None	.70	4.70	2.60	2.10	.0034	.0174	.0164	.0010	.52	0.5	.032

These samples were collected from
Great Quittacas Pond.

Scale of Color:—0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

WATER ANALYSIS—STATE BOARD OF HEALTH.
PARTS IN 100,000.

Number	Date of Collection	APPEARANCE			RESIDUE ON EVAPORATION			AMMONIA				Chlorine	Hardness	Iron
		Turbid ty	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Total	In solu- tion	In sus- pension			
145068	1919 Jan. 27	V. slight	None	.30	2.70	1.30	2.40	.0036	.0242	.0204	.0038	.57	1.1	.018
145814	Mar. 31	V. slight	V. slight	.25	3.90	1.40	2.50	.0008	.0140	.0128	.0012	.60	1.0	.012
146536	June 3	V. slight	V. slight also sediment	.46	4.30	1.75	2.55	.0022	.0250	.0202	.0048	.53	1.0	.038
147861	Aug. 13	None	V. slight	.35	4.85			.0116	.0280	.0244	.0036	.60	1.7	.030
148505	Sept. 25	None	V. slight	.43	3.85	1.30	2.55	.0088	.0236	.0228	.0008	.56	1.1	.028
149169	Oct. 21	V. slight	None	.48	4.85	2.30	2.55	.0088	.0248	.0200	.0048	.52	1.0	.028
150005	Dec. 2	V. slight	V. slight	.62	4.60	2.00	2.60	.0054	.0192	.0162	.0000	.52	0.8	.035

These samples were collected from
Little Quittacas Pond.

Scale of Color:—0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

WATER SHED.

This has been a year of unusually heavy rainfall, viz.: 52.50 inches. It is the highest record since 1898, when 59.76 inches fell. As a result the ponds have remained well filled throughout the year. The surface of Great Quittacas Pond has varied from elevation 47.60, on December 1, 1918, to elevation 51.50, on June 1, 1919; present height, elevation 50.75. The surface of Little Quittacas has varied from elevation 51.15, on May 11, 1919; present height, elevation 49.67.

Land formerly owned by Elbridge G. Perkins bordering upon the North Rochester road and westerly side of Snipituit Cranberry Co. bog, being part of the swamp near the south end of Great Quittacas Pond, has been purchased. Negotiations are now in progress for the purchase of Snipituit Cranberry bog, which adjoins the south shore of Bennett's Cove at the south end of Great Quittacas Pond. These properties include areas which drain directly into Great Quittacas, and which would be flooded if the pond should be raised above its present level.

QUITTACAS PUMPING STATION.

The pumps and machinery at the pumping station continue to operate satisfactorily under the supervision of Chief Engineer Adoniram S. Negus, and only minor repairs have been necessary. Mr. George F. Burgess assumed his duties as Assistant Chief Engineer here on December 1st.

RAILROAD.

The railroad connecting the pumping station with the main line of the New York, New Haven & Hartford Railroad at Braleys Station, has been kept in good condition, and has been used for transporting coal and other supplies. It became necessary to rebuild the bridge over Dry Swamp Ditch during the year and considerable work in the way of ballasting and replacing decayed ties has been done.

The cars on which coal is now being received are considerably higher than formerly, and because of this fact, it became necessary to lower the track entering the coal shed. This was done by removing the ties under the rails inside

the shed and for some distance outside fastening the rails directly to the I-beams carrying them. This lowers the track about eight inches which is sufficient for nearly all cars received this year. If the height of these cars continue to increase, it will be necessary to raise the arch of the doorway, as well as the roof trusses of the coal shed.

Commencing May 19, High Hill Reservoir was gradually lowered for the purpose of inspection. The concrete bottom and slopes of the south basin was exposed from May 28th to May 30th inclusive. It was found covered with a vegetable deposit of fourteen years accumulation, averaging two inches and upwards in depth. This deposit was removed in thick liquid form by passing same through drain pipes which pass through east gate-house and deliver at the foot of the eastern embankment slope.

The usual method of the pump delivery over the weir in the east gate-house was discontinued on May 9th, and the pump delivery hereafter, for several days was maintained direct with the City distributing system allowing the compensation due to the height of the water in the reservoir to be maintained through the west outlet gate-house.

While the work of cleaning the south basin was in process this compensation was maintained through the north basin with four feet or more in depth of water. This condition was reversed during the cleaning of the north basin. The work of draining of the south basin was further accelerated in its early stages by transforming the distribution main of 1910 as far as the twelve-inch waste at Turner's Pond into a drain pipe. The cleaning of the south basin was completed May 30th, and the commencement of refilling begun on same day. Then followed the cleaning of the north basin which work began June 2nd, and was completed on June 4th. The refilling began on the same day.

The resumption of the pump delivery over the weir was commenced on June 6th. The writer well remembers that afternoon of Nov. 4, 1896, when Acushnet water delivered from the Worthington pumps (removed early this year), at the Purchase Street Station first made its appearance in the west outlet gate-house. At that time the reservoir had just been completed and as the Quittacas pumps

had not then been installed, it was then filled with Acushnet water. This remained until May 1, 1899, when this reservoir was emptied, cleaned, and refilled with Quittacas water from the Quittacas pumps. It was again emptied and cleaned in May, 1905, and now for the third time it has again gone through this process, it being fourteen years since it last received attention. Judging from the accumulation found, it is the opinion of the writer that this cleansing operation should be had at least once in five years.

As the years go by this reservoir proves to be a fine monument to the constructing engineers. It is safe to say that no reservoir throughout the length and breadth of this country surpasses it in honest construction, in freedom from defects, and ease of operation of its various parts.

OLD SYSTEM.

No change has been made in the old Long Plain storing reservoir or conduit and the old system is held in readiness to meet any emergency which may require its use.

At the Purchase Street Pumping Station the pair of boilers installed in 1880, and the three million gallon Worthington engine have been removed, as they were past usefulness.

The receiving reservoir was emptied late in the summer and the walls were found to be in good condition. It was then refilled.

DISTRIBUTING SYSTEM.

The distributing system has required no more than usual repairs. The following statement shows the number of leaks and cost of repairing same.

DATE	SIZE	LOCATION	CAUSE	COST
1918				
Dec. 17	8 in.	Kilburn 106 ft. W. of Belleville av.	Joint started	\$5.88
Dec. 20	6 in.	Coffin av., 36 ft. W. of No Front st.	Joint started	9.72
Dec. 20	6 in.	Circuit st., 255 ft. W. of Bolton	Joint started	9.71
1919				
Jan. 13	16 in.	County st., 71½ ft. S. of Hillman	Pipe cracked	56.76
Jan. 17	16 in.	Tarkiln Hill rd. 18 ft. W. of Acushnet av.	Joint started	7.05
Jan. 14	36 in.	Acushnet av., junction of Bowditch	Branch leaking	61.22
Jan. 21	8 in.	Arnold st., 8 ft. W. of Chancery	Joint started	28.89
Feb. 11	30 in.	Acushnet av., 9 ft. S of Wamsutta	Joint started	37.68
Feb. 19	8 in.	No. Front st., 30 ft. N. of Wamsutta	Joint started	28.20
July 7	8 in.	Sawyer st, E. of Mitchell	Joint started	18.02
July 7	6 in.	Hickory st., 40 ft. W. of Dartmouth	Joint started	11.03
July 23	6 in.	Chancery st., S. of Hillman	Joint started	7.67
Aug. 29	30 in.	Crapo st., at Rivet	Joint started	22.80

About a mile of four-inch pipe has been removed and replaced by larger size pipe. Some of this was found to be in poor condition and shows that it was removed none too soon. Nearly all of the old flush hydrants have been replaced by post hydrants.

The following table shows an interesting comparison of the percentage of various sizes of pipes in the distributing system with those of eighteen other cities. The figures for the last nine named were taken from the 1918 report of Detroit Water Works. Since this table was compiled 1.1 miles of four-inch pipe has been removed from our system. It will be seen that we compare favorably with other cities in the percentage of larger sizes of pipes in use.

PERCENTAGE OF DIFFERENT SIZED PIPES IN USE IN 18 DIFFERENT CITIES FROM REPORTS OF 1917.

	60 in.	54 in.	48 in.	42 in.	40 in.	36 in.	30 in.	24 in.	20 in.	18 in.	16 in.	14 in.	12 in.	10 in.	8 in.	6 in.	4 in.	3 in.	2 in.
New Bedford, Mass. (1918 report)	4.7	.....	.....	6.7	4.5	1.7	1.2	.....	5.3	.....	5.6	7.9	20.9	35.6	5.4	0.1	0.4
Cambridge, Mass.	3.3	.....	0.2	1.9	4.0	.....	1.3	.....	11.3	4.8	11.5	49.7	12.0	.....	.....
Springfield, Mass.	0.2	.....	5.4	.....	2.7	4.5	5.3	0.7	.....	4.4	.....	6.1	3.8	21.4	38.3	5.5	0.0	1.7
Lowell, Mass.	0.5	1.1	1.0	.....	3.7	.....	9.4	4.1	19.5	56.5	4.2	.....	.....
Holyoke, Mass.	3.5	14.6	.....	7.3	.....	8.9	10.2	13.2	30.1	12.0	.....	0.2
Taunton, Mass. (exclud. force main)	3.1	.....	4.6	.....	9.1	0.1	24.5	50.1	8.5	.....	.....
Woonsocket, R. I.	4.7	.....	.....	2.9	11.3	1.9	22.1	43.7	13.4	.....	.....
Albany, N. Y.	0.9	.....	.....	0.3	2.7	3.7	3.0	0.5	3.0	.....	18.9	1.8	21.7	36.0	7.4	0.1	.....
Providence, R. I.	1.2	.....	4.5	2.8	2.1	0.5	.....	2.7	.....	7.8	0.7	15.5	62.1	0.0	.....	.....
Detroit, Mich.	2.5	2.6	.....	0.5	0.9	2.3	0.0	.....	1.9	.....	4.3	4.0	19.7	47.5	13.0	.....	.....
Cincinnati, Ohio.	0.3	.....	0.4	0.3	.....	2.56	0.7	1.68	.....	.....	3.6	.....	3.95	.....	.....	.....	.....	.....	.....
Louisville, Ky.	2.0	.....	.....	1.6	2.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cleveland, Ohio.	0.7	.....	.....	1.7	3.2	20.0	0.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee, Wis.	0.6	.....	2.4	2.1	0.39	1.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Buffalo, N. Y.	1.3	.....	.....	4.4	.....	.....	2.6	.....	9.7	.....	.....	.....	.....	.....	.....	.....	.....
Toronto, Ont.	0.1	.....	2.8	0.4	1.4	.....	.....	0.7	.....	.....	.....	.....	.....	.....	.....	.....
St. Louis, Mo.	4.4	3.4	.....	8.9	.....	.....	.....	17.3	Aver. 7 cities 2.6	.....	.....	.....	.....	.....
Columbus, Ohio.	1.1	.....	.....	.....	.....	.....	.....	18.0	Aver. 7 cities 6.5	.....	.....	.....	.....	.....
	1.1	.....	22.1	51.3	6.9	.....	.....

§ Taken from report of Detroit Water Works.

The force main which supplies High Hill reservoir from the Quittacas Pumping Station, has been in continuous service for the past twenty years. While apparently it still remains in good working condition, its age admonishes us that a duplication should soon be secured. The daily consumption has now reached a point where it would not be possible to store an amount exceeding one week's supply. The installation of the second force main should soon be undertaken with the idea of securing a direct connection between the Quittacas pumps and the lower levels of the distribution system, permitting the consumption to utilize the pumpage as fast as supplied, the surplus to back up through the two thirty-six inch distributing pipes into High Hill reservoir. The first work to be undertaken is the filling in of that section of piping in Bowditch Street between Park and Acushnet Avenues.

This involves the placing of 6,660 feet of 36-inch pipe at an estimated cost of \$135,500. This portion of Bowditch Street is now under construction, and previous to the placing of the final surfacing of the roadway, this pipe should be installed. I recommend that the work be done the coming year.

This work to be followed as promptly as may prove convenient by the extension of the 36-inch pipe in Acushnet Avenue, from its present terminus at the Freetown line northerly 4,770 feet to the line of proposed new force main. About the same time the work of installation of the new force main, (presumably 48-inch pipe) from Quittacas station southerly 13,450 feet through the force main right of way to a point south of the County Road. At this point this force main is to be connected with the 36-inch pipe described in the preceding paragraph.

The cost of the work which has been outlined above, is estimated as follows:

Bowditch St., Park Ave. northerly to junction at Acushnet Ave., 6,660 feet, 36-inch pipe	\$135,500
Acushnet Ave., from present terminus at Free- town line northerly to new force main, 4,770 feet 36-inch pipe	108,000

New 48-inch force main from Quittacas Station
south to County Road, 13,450 feet of 48-inch
pipe 426,000

To place the remainder of the 48-inch force main
will require 29,000 feet of 48-inch pipe 900,000

The distributing mains have been increased 21,269 feet and 6,070 feet of pipe laid in previous years have been removed. The total length of distributing mains at this date is 174.02216 miles.

One hundred ninety-eight feet of small sized distribution pipe (less than four-inch) has been removed. The total length now in use 6,955 feet. Sixty-two new stop gates have been set and fifteen of those previously set have been removed. The total number now in use is 2,398.

No small sized stop gates have been set and one of those previously set has been removed. The total number now in use is 107.

Two new waste gates have been set and one of those previously set has been removed. The total number now in use is 182.

Eleven new stop gates for private supplies have been set and none of those previously set have been removed. The total number now in use is 594.

No new air taps have been set and none have been removed. The total number now in use is 190.

Ninety-two new hydrants have been set and twenty-eight of those previously set have been removed. The total number now in use is 1,522.

One watering cart hydrant has been removed. The total number in use is 65.

Two hundred ninety-eight new service pipes have been laid and nine of those previously laid have been removed. The total number now in use is 15,665.

Two hundred three service taps have been cleaned as follows: Rust, 176; trouble inside, 21; fish, 3; sediment, 3.

WATER REPORT.

27w

The total number of meters set in 1919 was	253
Number removed	86
	<hr/>
To be added	167
Number in use December 1, 1918	14,852
	<hr/>
Number in use Dec. 1, 1919	15,019

This list may be divided as follows:

Manufacturing supplies ..	248
Domestic supplies	14,771
	<hr/>
	15,019

THE FOLLOWING IS A LIST OF THE DIFFERENT MAKES AND SIZES OF METERS
IN COMMISSION:

MAKE	$\frac{5}{8}$ "	$\frac{3}{4}$ "	1"	1 $\frac{1}{2}$ "	2"	3"	4"	6"	Total
Crown.....	127	61	13	2	1	3	1	0	208
Empire.....	117	22	7	5	33	15	20	1	220
Empire Compound.....					1	4	5	1	11
Arctic.....	5								5
Nash.....	327	70	15						412
Gem.....						2	2	1	5
Hersey Compound.....						3	2	1	5
Hersey Compound Proportional.....							2	7	9
Hersey Detector.....	2929	1065	62	2	4				4062
Hersey Disc.....	53	25	6	2	1		1		88
Hersey Rotary.....					14		3		17
Hersey Torrent.....									5
Keystone.....	5								
Union Rotary.....	1	97	6	2	2	2	5		115
King.....	5811	1226	156	3	53				7249
Lambert.....	1057	164	20		7	8	9	1	1266
Thomson.....	1								1
Trident Compound.....					1	1	4	7	13
Trident Crest.....					4	6	5	1	16
Trident Disc.....	194	19	7		8				228
Watch Dog.....	11								11
Worthington Disc.....	808	215	46		1				1070
Worthington Turbine.....							1	1	2
Totals	11446	2964	338	16	130	44	60	21	15019

MAINTENANCE OF METERS DURING YEAR 1919.

Repaired				Cleaned and tested only			Total number repaired and tested	Total cost
Size	Frozen	Other Repairs	Total Number Repaired	Cost	Average cost per meter	Total number cleaned and tested		
6 inch	0	2	2	\$ 5.70	\$2.85	0	2	\$ 5.70
4 inch	0	12	12	95.75	7.98	1	13	99.75
3 inch	0	3	3	15.01	5.00	1	4	16.91
2 inch	0	21	21	110.93	5.28	3	24	115.31
1 inch	1	44	45	219.30	4.98	5	50	229.55
¾ inch	37	166	203	747.07	3.63	9	212	763.37
⅝ inch	234	1220	1454	4,393.17	3.02	60	1514	4516.82
Totals	272	1468	1740	\$5,586.93		79	1819	\$5747.41

Following is a complete list of the drinking fountains now in use:

1	West French Ave., at Cove St.....	2	Faucets
2.	Bolton St., at junction of Rivet St.....	2	Faucets
3.	Sixth St., at junction of County St.....	2	Faucets
4.	Allen St., at junction of Dartmouth St.....	2	Faucets
5.	Front St., at corner of School St.....	2	Faucets
6.	Union St., at corner of Bethel St.....	2	Faucets
7.	Hathaway Rd., 1,964 ft. east of Rockdale Ave.		Horse bowl
8.	Kempton St., at junction of Mill St.....	2	Faucets
9.	County St., at corner of Smith St.....		Nash
10.	Shawmut Ave., at corner of Durfee St.....	2	Faucets
11.	Acushnet Ave., at junction of Weld St.....	2	Faucets
12.	Acushnet Ave., south of Tarkiln Hill Rd....	2	Faucets
13.	No. Front St., W. side, N. of Belle. Rd.	2	Faucets—1 Bubble
14.	Acushnet Ave., at junction of Water St....	2	Faucets
15.	Acushnet Ave., at corner of Braley Rd.....	2	Faucets

CONSUMPTION OF WATER.

1919	Monthly Consumption.				Daily Average Consumption
	New Bedford	Dartmouth	Acushnet	Total	
	Gallons	Gallons	Gallons	Gallons	Gallons
January	291,771,994	679,500	763,500	293,214,994	9,458,548
February	242,842,090	444,000	664,500	243,950,590	8,712,521
March	271,404,104	541,500	1,030,500	272,976,104	8,805,681
April	275,842,860	597,750	1,269,750	277,710,360	9,257,012
May	264,773,109	753,750	1,215,000	266,741,859	8,604,576
June	296,272,719	882,750	1,647,000	298,802,469	9,960,082
July	318,008,342	1,183,500	1,783,500	320,975,342	10,354,044
August	304,466,272	1,088,250	1,741,500	307,296,022	9,912,775
September	303,751,090	1,036,500	1,191,000	305,978,590	10,199,286
October	317,599,464	1,125,750	1,284,000	320,009,214	10,322,878
November	290,014,256	1,026,000	1,173,750	292,214,006	9,740,467
December	319,899,826	979,500	1,704,750	322,584,076	10,405,937
Totals	3,496,646,126	10,338,750	15,468,750	3,522,453,626	9,650,557
Averages				293,537,802	

Maximum daily consumption, June 16th, 13,724,004 gallons

Minimum daily consumption, March 16th, 4,811,412 gallons

Average daily consumption, 6 A. M. to 6 P. M., 6,633,513 gallons

Average daily consumption, 6 P. M. to 6 A. M., 3,017,044 gallons

Amount of water consumed, shown on above table, includes the supplying of about 12,3558 miles of distribution pipes located in the adjoining towns of Dartmouth and Acushnet. Dartmouth supplies 1,190 consumers through 238 taps. Acushnet supplies 1,100 consumers through 117 taps.

COMPARISON OF THE CONSUMPTION OF THE YEAR 1919 WITH THE
RECORD OF THE 37 PREVIOUS YEARS.

Year	Estimated Population	Estimated number of consumers	Number of taps	Total number of gallons consumed	Average daily consumption	Gallons per day to each inhabitant	Gallons per day to each consumer	Gallons per day to each tap	Number of meters
1882	28,500	20,424	4,203	859,119,622	2,326,352	82	114	553	41
1883	30,000	22,249	4,465	849,059,700	2,326,191	78	105	521	49
1884	33,000	23,749	4,691	867,815,595	2,371,080	72	100	506	60
1885	33,700	25,375	4,965	1,049,801,050	2,876,167	85	113	579	67
1886	34,500	28,480	5,225	1,086,534,615	2,976,807	86	104	569	82
1887	36,000	30,080	5,495	1,112,302,789	3,047,404	85	101	555	102
1888	37,500	31,826	5,785	1,229,841,794	3,360,223	89	109	581	108
1889	40,000	34,000	6,104	1,310,488,214	3,590,379	90	106	588	120
1890	41,500	35,740	6,394	1,485,143,213	4,066,200	98	114	636	123
1891	45,000	38,500	6,742	1,513,161,482	4,145,648	92	108	615	135
1892	50,000	41,776	7,134	1,607,955,166	4,393,320	88	105	616	144
1893	55,000	44,158	7,531	1,824,275,536	4,998,015	99	113	664	172
1894	56,000	44,661	7,767	1,747,167,532	4,786,760	85	107	616	221
1895	56,300	46,154	8,027	1,719,830,979	4,711,866	84	102	587	254
1896	59,000	48,570	8,447	1,924,800,313	5,259,017	89	108	623	366
1897	60,000	50,000	8,860	2,071,702,478	5,675,897	95	113	641	621
1898	58,000	50,000	9,014	2,156,277,643	5,907,610	102	118	655	734
1899	58,000	50,000	9,151	2,261,115,500	6,194,837	107	124	677	1,098
1900	62,500	55,000	9,280	2,306,997,774	6,320,542	101	115	681	1,429
1901	65,000	57,000	9,447	2,150,199,262	5,890,957	91	103	624	1,566
1902	70,000	61,000	9,612	2,325,807,038	6,372,074	91	104	663	1,771
1903	72,000	62,000	9,927	2,535,280,580	6,945,974	96	112	700	1,954
1904	73,000	63,000	10,166	2,570,360,614	7,001,520	96	111	689	2,145
1905	75,000	66,000	10,477	2,586,640,683	7,093,187	95	107	677	2,434
1906	83,000	76,000	10,764	2,524,786,872	6,916,880	83	91	643	2,803
1907	88,000	81,000	11,107	2,711,824,444	7,435,572	84	91	670	3,196
1908	89,000	82,000	11,516	2,740,666,728	7,488,160	84	91	653	3,628
1909	95,000	88,000	12,043	2,727,327,230	7,472,129	79	85	621	4,572
1910	99,000	92,000	12,769	2,870,478,148	7,864,323	79	85	616	6,106
1911	102,700	96,000	13,311	2,910,369,438	7,973,615	78	83	599	8,206
1912	103,000	97,000	13,643	3,030,739,034	8,280,707	80	85	607	9,998
1913	104,000	99,000	14,055	2,832,828,204	7,761,173	75	78	552	12,340
1914	108,000	103,000	14,407	2,712,726,402	7,432,127	69	72	516	13,788
1915	110,000	107,000	14,770	2,791,655,778	7,648,372	70	71	518	14,140
1916	113,000	*111,120	*15,350	3,122,164,926	8,530,505	75	77	*556	14,481
1917	115,000	*113,485	*15,590	3,390,054,126	9,287,819	81	*82	*596	14,728
1918	119,500	*118,140	*15,704	3,562,182,920	9,759,405	82	*83	*621	14,852
1919	122,000	*123,290	*16,020	3,522,453,626	9,650,557	78	*78	*602	15,019

*Includes population supplied in towns of Dartmouth and Acushnet: 355 taps, 2,290 consumers.

The total consumption for the year is slightly less than during 1918, the consumption per capita being reduced from 82 gallons to 78 gallons and the consumption per service from 621 gallons to 602 gallons. The domestic consumers have used 34.2 per cent. of the total consumption and the manufacturing consumers 50.9 per cent., and about 1 per cent. consumed in cleaning the reservoir as described above. The balance was used for extinguishing fires, flushing mains, leakage and unaccounted use.

With the prospect for considerable building activities during the coming year, it is quite probable that we will be called upon to supply a much larger quantity of water than previously, and it is well to be considering methods of providing an increased supply when it shall be needed.

Respectfully submitted,

ROBERT C. P. COGGESHALL,

Superintendent.

TABLE A.
STATEMENT OF WORK DONE BY LEAVITT ENGINE A FOR YEAR ENDING DEC. 1, 1919.
 Diameter Steam Cylinders, 16% and 36 $\frac{1}{4}$ in.
 Diameter Pump Plungers, 13 7-10 and 19% in.
 Stroke of Piston and Pump Plungers, 90 inches.

MONTHS	Number of days or parts		Total pumping time		Total number of strokes per month	Average number of strokes per minute	Total fuel used for		Total number of gallons pumped per month, allowance being made for ship	Number of gallons pumped per pound of coal for total coal	Number of gallons raised 100 ft. per lb. coal for total coal	Average dynamic head against pump in feet: no allowance for friction in suction	Average duty in pounds raised one foot high per 100 lbs. of coal, calculated on total fuel used for all purposes. No deductions.
	H.	M.	LBS.										
December, 1918	31	608	40	31.3	1,445,631	31.3	304,525	254,330,082	835	1,558	187.05	130,286,237	
January, 1919	31	658	00	31.1	1,229,327	31.1	328,100	272,910,594	831	1,527	185.31	128,552,069	
February, 1919	27	579	50	31.1	1,090,495	31.1	294,425	242,039,890	822	1,510	183.74	126,000,344	
March, 1919	31	635	45	31.8	1,215,032	31.8	317,925	269,737,104	848	1,549	182.73	129,298,032	
April, 1919	30	621	15	31.5	1,175,280	31.5	302,550	260,901,060	862	1,577	182.98	131,597,718	
May, 1919	29	582	05	30.3	1,059,757	30.3	273,025	235,266,054	861	1,562	181.53	130,458,178	
June, 1919	30	633	00	31.4	1,195,567	31.4	311,275	265,415,874	852	1,639	192.45	136,856,874	
July, 1919	31	615	10	33.2	1,228,311	33.2	319,325	272,685,042	833	1,606	188.29	134,097,814	
August, 1919	31	636	10	32.4	1,238,901	32.4	325,675	275,036,022	844	1,552	183.96	129,567,060	
September, 1919	30	623	25	32.7	1,253,345	32.7	321,600	271,582,590	844	1,577	186.89	131,624,883	
October, 1919	31	665	20	32.7	1,305,937	32.7	338,550	289,918,014	856	1,591	185.98	132,826,484	
November, 1919	30	599	45	31.1	1,183,423	31.1	310,675	262,719,906	845	1,577	186.69	131,666,041	
Totals and avgs.	362	7,458	25	31.9	14,290,956	31.9	3,747,650	3,172,592,232	846	1,570	185.64	131,066,844	

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating building, running shop engine during day and electric light engine at night. No deduction for ashes, moisture in coal or anything else.

TABLE B.

STATEMENT OF WORK DONE BY ELECTRICALLY OPERATED DE LAVAL CENTRIFUGAL PUMP C FOR THE YEAR ENDING DECEMBER 1ST, 1919.

Number of revolutions per minute,	1760 to 1800
Capacity when pumping alone 24 hours,	6 ¼ million gallons
Capacity when pumping with one Leavitt Engine 24 hours,	6 million gallons
With Little Quittacas at elevation 50, static head,	166.08
Average dynamic head for year,	219.49

Months		Number of days or parts of days pumping	Total pumping time per month	Current used per month Kl. W. H.	Number of gallons pumped per month	Number of gallons pumped per K. W. H.
			H. M.			
December	1918	10	163-00	37,300	41,536,000	1,114
January	1919	5	77-00	17,700	20,119,000	1,136
February	1919	1	9-40	2,400	2,417,000	1,007
March	1919	1	18-00	4,100	4,723,000	1,151
April	1919	3	42-00	9,800	11,073,000	1,129
May	1919	3	41-00	9,400	10,764,000	1,145
June	1919	22	333-00	73,900	81,409,000	1,101
July	1919	13	186-00	41,700	45,894,000	1,100
August	1919	8	128-00	28,900	32,260,000	1,116
September	1919	9	146-30	33,200	37,530,000	1,130
October	1919	8	106-40	24,200	27,510,000	1,136
November	1919	9	139-00	31,600	36,340,000	1,150
Totals and averages		92	1,389-50	314,200	351,575,000	1,118

Number of K. W. H. required to raise one million gallons into reservoir, 893.69

$$\text{Duty} = \frac{351,575,000 \text{ gallons} \times 8.34 \times 100 \times 219.49 \text{ feet}}{314,200 \text{ K. W. H.}} = 204,829,541$$

million pounds raised one foot high per 100 K. W. H.

TABLE D.

LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1919.

Streets	10 in.	8 in.	6 in.	4 in.
Annette st., from Fern, west.....		180		
Aquidneck st., from 305 ft. W. of Brock av., west.....		431	176	
Aquidneck st., from 845 ft. E. of Brock av., east.....				
Arlington st., from Bates to Query.....		175		
Arlington st., from Central av. to Shaw.....		292	136	
Athol st., from Bullock, east.....			317	
Avon st., from Rockdale av. to Frank (southerly 1/2 turn).....			198	
Ball st., Homestead, north.....		65		
Bates st., Arlington, west.....		578		
Bedford st., from Anthony to 37 ft. W. of Borden....			312	
Belleville av., from Kilburn to Washburn.....			148	
Bliss st., from Bolton, west.....				
Bolton st., from Brock av. to Bliss.....	236			
Branscomb st., from 14 ft. W. of Acushnet av. to 369 ft. E. of Felton.....			856	
Brock av., from 1529 ft. W. of Rockdale av. to Bolton		12		
Brook st., from 118 ft. S. of Shaw to Central av.....		114		
Bullock st., from 95 ft. S. of Mt. Vernon, south.....			125	
Campbell st., from 8 ft. W. of Purchase to County....			1072	
Campbell st., from W. line County to E. line Summer.			412	
Campbell st., from 10 ft. W. of Cedar to Chancery....		717		
Central av., from Brook, west.....		181		
Chancery st., from Campbell to 7 ft. N. of Campbell...			33	

TABLE D—CONTINUED.

	10"	8"	6"	4"
Clinton st., from Reed, west.....			296	
Collette st., from Church to W. line of Church.....			18	
Conduit st., from Wood, south.....			242	
Conduit st., from Tarklin Hill rd. to Rutland.....			409	
Conduit st., from Branscomb to Dawson.....			413	
Davis st., from Church, west.....			208	
Dawson st., from Conduit, west.....		483		
Duncan st., from 15 ft. E. of Acushnet av., east.....			61	
Ernest st., from Belleville rd. to Bates.....			309	
Frank st., from Transit to Avon.....			510	
Glennon st., from 28 ft. W. of Acushnet av., west.....			196	
Harwich st., from Conduit, west.....			374	
Hawthorn st., from Reed to Rockdale av. (east main).		263		
Hersom st., from 34 ft. W. of Conduit to 105 ft. E. of Baylies.....				
Hersom st., from Baylies to 45 ft. E. of Felton.....		233		
Hersom st., from Felton, west.....		137		
High st., Second to Water.....		278		
Homestead st., Acushnet av., east.....			347	
Hope st., from 70 ft. N. of Nash rd. to pipe line Whitman.....			285	
Hudson st., from 756 ft. W. of Brock av., west.....			69	
Jefferson st., from Summer, west.....			273	
Jenkins st., from Dartmouth, east.....			140	
Jonathan st., from 318 ft. S. of Union, south.....		242		
Lombard st., from 4 ft. S. of Rockland to Thompson.....			126	
Luke st., from Rockdale av., west.....			499	
			933	

TABLE D—CONTINUED.

	10'	8"	6"	4"
Maple st., from 114 ft. W. of Rounds (north) to Palmer			44	
Moynan st., from Wood, south			487	
Mt. Vernon st., from Shawmut av., west		243		
Myrtle st., from Nauset, south		28		
North st., from Florence to Hunter			354	
Ocean st., from Arnold to 214 ft. N. of Arnold			241	
Palmer st., from Hawthorn to Maple			344	
Palmer st., from Bullock, east			149	
Potter st., from Bullock, east			289	
Query st., from 131 ft. W. of Arlington to 12 ft. E. of Bowditch			302	
Rockdale av. (east main) from Hawthorn, south		22		
Rockland st., from Acushnet av., west			463	
Rutland st., from Conduit, west		534		
Seventh st., from Walnut to Cherry			166	
Spring st., from First to 13 ft. E. of Second		482		
Summer st., from 172 ft. N. of Fillmore to Van Buren		212		
Summer st., from Jefferson to Nauset			300	
Summit st., from Hillman to North			216	
Sycamore st., from 10 ft. W. of Cedar to Ash			143	
Sycamore st., from Spruce to 9 ft. E. of Cedar			261	
Sycamore st., from 7 ft. W. of County to E. line summer			536	
Sycamore st., from state to 1 ft. E. of County				152
Transit st., from 139 ft. S. of Rockdale av. south to Frank				
Van Buren st., from Summer, west			156	

TABLE D—CONTINUED.

	10"	8"	6"	4"
Union st., from Junior to Reed.....	151		51	
Whitman st., from 324 ft. W. of Bowditch, west....			431	
Whitman st., from 275 ft. E. of Diman to Hope.....		190		
Wood st., from 13 ft. E. of Acushnet av., east.....			212	
Wood st., from 1 ft. E. of W. line Moynan, west....				
Totals	387	6092	14638	152

TABLE D—CONTINUED

LOCATION AND SIZE OF CAST IRON MAIN PIPE REMOVED IN
1919.

Streets	4 in.
Bedford st., from Anthony to 36 ½ ft. W. of Borden..	574
Belleville av., from Kilburn to Washburn.....	312
Campbell st., from 8 ft. W. of Purchase to County.	1065
Campbell st., from W. line of County to E. line Summer	419
Campbell st., from 10 ft. W. of Cedar to Chancery...	714
High st., from Second to Water.....	347
Lombard st., from 4 ft. S. of Rockland, south.....	358
North st., from Florence to Hunter.....	353
Ocean st., from Arnold to 214 ft. N. of Arnold.....	240
Seventh st., from Walnut to Cherry.....	534
Sycamore st., from State to 1 ft. E. of County	536
Sycamore st., from 7 ft. W. of County to E. line Summer	259
Sycamore st., from Spruce to 9 ft. E. of Cedar.....	143
Sycamore st., from 10 ft. W. of Cedar to Ash.....	216
Totals	6070

TABLE D — CONCLUDED
SUMMARY

	Cast Iron											Steel
	48 in.	48 in.	36 in.	30 in.	24 in.	20 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Previous to 1919 Laid in 1919....	42463	104	61820	41162	9811	11310	48488	51575	72585 387	190658 6092	324112 14638	49550 152
Total Laid..... Removed in 1919	42463	104	61820	41162	9811	11310	48488	51575	72972	196750	338750	49702 6070
Total now in use	42463	104	61820	41162	9811	11310	48488	51575	72972	196750	338750	43632

Total length laid in 1919,

Total length removed in 1919,

Total length of pipe in use December 1st, 1919,

21,269 feet or 4.02822 miles

6,070 feet or 1.14962 miles

918,837 feet or 174.02216 miles

TABLE E.

LOCATION AND SIZE OF SMALL SIZED DISTRIBUTION PIPE
REMOVED IN 1919.

Streets.	3 in. cast iron
Davis st., from Church, west.....	198
Total	198

In use previous to 1919, 7,153 feet

Removed in 1919, 198 feet

Total in use Dec. 1, 1919, 6,955 feet or 1.31723 miles

TABLE F.

LOCATION AND SIZE OF STOP GATES SET IN 1919.

Streets	10 in.	8 in.	6 in.
Aquidneck st., west side Jacob.....			1
Arlington st., south side Shaw.....		1	
Arnold st., west side Park.....		1	
Avon st., south side Rockdale av.....			1
Bedford st., west side Borden.....		1	
Bedford st., west side Cottage.....		1	
Bedford st., east side Cottage.....		1	
Belleville av., north side Kilburn.....			1
Belleville rd., east side Diman.....			1
Belleville rd., west side Hope.....			1
Bliss st., west side Bolton.....			1
Bolton st., at hydt., N. W. cor. Brock av.....			1
Bolton st., north side Brock av.....	1		
Bonney st., north side Sherman.....		1	
Brock av., east side Bolton.....		1	
Campbell st., east side County.....			1
Campbell st., east side Pleasant.....			1
Campbell st., west side Pleasant.....			1
Campbell st., west side Shawmut av.....		1	
Central av., west side Brook.....		1	
Chancery st., north side Campbell.....			1
Church st., south side Davis.....		1	
Church st., north side Davis.....		1	
Clifford st., east side Arlington.....			1
Conduit st., south side Dawson.....			1
Conduit st., south line Tarkiln Hill rd.....			1
Conduit st., south side Wood.....			1
Ernest st., north line Belleville rd.....			1
Hawthorn st., east side Rockdale av.....		1	
Hersom st., west side Felton.....		1	
High st., east side Second.....			1
High st., west side Water.....			1
Homestead st., east side Acushnet av.....			1
Irvington st., west side Concord.....		1	
Jenkins st., east side Dartmouth.....		1	
Luke st., west side Rockdale av.....			1
Moynan st., south side Wood.....			1
Mt. Vernon st., west side Shawmut av.....		1	
Myrtle st., north side Nauset.....		1	
Myrtle st., south side Nauset.....		1	
Nash rd. at hydrant, east of Diman.....			1
North st., east side Hunter.....			1
Ocean st., north side Arnold.....			1
Palmer st., north side Hawthorn.....			1
Princeton st., west side Concord.....	1		

TABLE F—CONTINUED.

LOCATION AND SIZE OF STOP GATES SET IN 1919.

Streets.	10 in.	8 in.	6 in.
Rockland st., west side Acushnet av.....		1	
Rockdale av., south side Hawthorn.....			1
Seventh st., north side Cherry.....		1	
Seventh st., south side Walnut.....		1	
Shaw st., east side Arlington.....			1
Shawmut av., north side Campbell.....			1
State st., south side Campbell.....		1	
State st., south side Willis.....		1	
Summer st., south side Nauset.....		1	
Summer st., south side Van Buren.....		1	
Summit st., north side North.....			1
Sycamore st., west side State.....			1
Thompson st., east side Lombard.....			1
Union st., east side Reed.....	1		
Whitman st., west side Hope.....			1
Wood st., east side Moynan.....			1
Wood st., west side Sowle.....			1
Totals	3	25	34

LOCATION AND SIZE OF STOP GATES REMOVED IN 1919.

Streets	8 in.	6 in.	4 in.
Bedford st., west side Borden.....			1
Bedford st., east side Cottage.....			1
Belleville av., north side Kilburn.....			1
Brock av., at hydrant, north side Rockdale av...		1	
Campbell st., east side County.....			1
Campbell st., west side Pleasant.....			1
Campbell st., east side pleasant.....			1
Campbell st., west side Shawmut av.....			1
High st., west side Water.....			1
High st., east side Second.....			1
North st., east side Hunter.....			1
Ocean st., north side Arnold.....			1
Seventh st., south side Walnut.....			1
State st., south side Campbell.....	1		
Sycamore st., west side State.....			1
Totals	1	1	13

Number of stop gates set in 1919.....	62
Number to be removed.....	15

Number to be added.....	47
Number in use December 1, 1918.....	2,351

Number in use December 1, 1919.....	2,398
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TABLE G.

LOCATION AND SIZE OF SMALL SIZED STOP GATES REMOVED
IN 1919.

Streets.	3 in.
Davis st., west side Church.....	1
Total	1

Number of Small Sized Stop Gates set in 1919..	0
Number removed	1
Number to be deducted.....	1
Number in use December 1, 1918.....	108
Number in use December 1, 1919.....	107

TABLE H.

LOCATION AND SIZE OF WASTE GATES SET IN 1919.

Streets.	4 in.
Bedford st., west of Borden.....	1
Sycamore st., west side State.....	1
Total	2

LOCATION AND SIZE OF WASTE GATES REMOVED IN 1919.

Streets.	4 in.
Bedford st., at Borden.....	1
Total	1

Number of waste gates set in 1919.....	2
Number removed	1
Number to be added.....	1
Number in use December 1, 1918.....	181
Number in use Dec. 1, 1919.....	182

TABLE I.

LOCATION AND SIZE OF PRIVATE STOP GATES SET IN 1919.

Streets.	6	4	3	2
	in.	in.	in.	in.
Davis st., at N. B. Cotton Waste Co., west of Church, 163.4 ft.	1			
Emma st., at Schoolhouse, west of Brock av., 452.6 ft.			1	
Jefferson st., at Municipal Hospital, west of Sum- mer, 89.3 ft.	1			
Jefferson st., at Municipal Hospital, west of Sum- mer, 92.9 ft.	1			
Mt. Vernon St., at Robert Mitchell's Dairy, west of Shawmut av., 130.0 ft.				1
No. water st., at Passaic Cotton Mills, south of Hillman, 56.8 ft.				1
Pearl st., at N. Y., N. H. & H. R. R. Co., west of Acushnet av., 85 ft.		1		
Sawyer st., at Fairhaven Mills, east of Mitchell, 678 ft.			1	
Scott st., at Louis Monjeau, west of County, 283.8 ft.				1
Van Buren st., at Municipal Hospital, west of Sum- mer, 127.8 ft.	1			
Van Buren st., at Municipal Hospital, west of Sum- mer, 129.4 ft.	1			
Totals	5	1	2	3

Number set in 1919..... 11

Number removed 0

Number to be added 11

Number in use December 1, 1918..... 383

Number in use December 1, 1919..... 394

TABLE J.

LOCATION OF HYDRANTS SET IN 1919.

Annette st., south side, 161 ft. W. of Fern.
Aquidneck st., south side, 1021 ft. E. of Brock ave.
Aquidneck st., south side, 329 ft. W. of Brock ave.
Aquidneck st., south side, 735 ft. W. of Brock ave.
Arlington st., S. E. cor. Query.
Arnold st., S. W. cor. Park.
Avon st., west side, 141 ft. S. of Rockdale ave.
Avon st., N. W. cor. Frank.
Ball st., west side, 172 ft. N. of Homestead.
Bates st., south side, 45 ft. W. of Arlington.
Belleville ave., S. W. cor. Washburn.
Belleville rd., opp. Ernest.
Bliss, south side, 129 ft. W. of Bolton.
Bolton st., N. W. cor. Brock ave.
Bonney st., west side, opp. Forest.
Bonney st., west side, opp. Sherman.
Branscomb st., south side, 391 ft. W. of Acushnet ave.
Bullock st., west side, opp. Athol.
Campbell st., S. W. cor. Pleasant.
Campbell st., S. W. cor. State.
Campbell st., S. W. cor. County.
Campbell st., S. E. cor. Summer.
Campbell st., S. W. cor. Shawmut ave.
Central ave., S. W. cor. Brook.
Central ave., south side, 163 ft. W. of Brook.
Church st., west side, opp. Tinkham.
Clinton st., S. E. cor. Rockdale ave.
Conduit st., west side, 223 ft. S. of Wood.
Conduit st., S. W. cor. Wood.
Davis st., north side, 189 ft. W. of Church.
Dawson st., S. W. cor. Conduit.
Dawson, south side, 465 ft. W. of Conduit.
Duncan st., south side, 75 ft. E. of Acushnet ave.
Earle, south side, 314 ft. W. of Bowditch.
Forest st., south side, 90 ft. W. of County.
Frank st., south side, opp. Transit.
Franklin st., S. W. cor. Pleasant.
Glennon st., south side, 224 ft. W. of Acushnet ave.
Harwich st., S. W. cor. Conduit.
Harwich st., south side, 355 ft. W. of Conduit.
Hathaway st., south side, 322 ft. W. of Bowditch.
Hawthorn st., S. W. cor. Reed.
Hawthorn st., S. E. cor. Rockdale ave.
Hazard st., south side, 140 ft. W. of State.
Hazard st., S. W. cor. Pleasant.

Hersom st., S. W. cor. Felton.
Hersom st., south side, 64 ft. W. of Vernon.
High st., S. W. cor. Water.
Homestead st., south side, 114 ft. E. of Ball.
Hope st., S. W. cor. Nash rd.
Hudson st., south side, 494 ft. W. of Brock ave.
Hudson st., S. E. cor. West French ave.
Jenkins st., south side, 225 ft. E. of Dartmouth.
Jefferson st., south side, 122 ft. W. of Summer.
Jonathan st., west side, 444 ft. S. of Union.
Lombard st., N. W. cor. Thompson.
Luke st., S. W. cor. Rockdale ave.
Luke st., S. W. cor. Ridge.
Luke st., north side, 487 ft. W. of Ridge.
Mt. Vernon st., south side, 229 ft. W. of Shawmut ave.
Moynan st., west side, 5 ft. N. of Park Drive.
Nash rd., south side, 355 ft. E. of Diman.
Nauset St., north side, opp. Myrtle.
North st., S. W. cor. Water.
North st., S. W. cor. Florence.
Ocean st., west side, 215 ft. N. of Arnold.
Park st., west side, opp. Middle.
Park st., N. W. cor. Court.
Palmer st., S. W. cor. Maple.
Pleasant st., west side, 247 ft. S. of Madison.
Pleasant st., N. W. cor. Pope.
Potter st., south side, 114 ft. E. of Bullock.
Rockdale ave., east side, 80 ft. S. of Plymouth.
Rockland st., S. W. cor. Acushnet ave.
Rutland st., south side, 316 ft. W. of Conduit.
Rutland st., south side, 444 ft. W. of Conduit.
Seventh st., west side, 50 ft. N. of Madison.
Seventh st., N. W. cor. Cherry.
Summer st., S. W. cor. Van Buren.
Summer st., N. W. cor. Jefferson.
Summit st., S. W. cor. Hillman.
Sycamore st., S. W. cor. Walden.
Sycamore st., S. W. cor. County.
Tinkham st., S. W. cor. Acushnet ave.
Tinkham st., south side, 320 ft. W. of Bowditch.
Transit st., N. W. cor. Frank.
Van Buren st., south side, 137 ft. W. of Summer.
Whitman st., S. W. cor. Hope.
Whitman st., south side, 350 ft. E. of Diman.
Whitman st., south side, 289 ft. E. of Bowditch.
Wood, south side, 202 ft. E. of Acushnet ave.
Wood st., south side, 212 ft. W. of Moynan.

TABLE J—CONTINUED.

LOCATION OF HYDRANTS REMOVED IN 1919.

Aquidneck st., south side, 304 ft. W. of Brock ave.,	Post
Athol st., south side, 49 ft. W. of Richmond,	Post
Avon st., west side, 141 ft. S. of Rockdale ave.,	Post
Belleville ave., S. W. cor. Washburn,	Post
Bowditch st., west side, 27 ft. N. of Park ave.,	Post
Brock ave., north side, 1529 ft. W. of Rockdale ave.,	Post
Brook st., west side, 117 ft. S. of Shaw,	Post
Campbell st., south side, 163 ft. E. of County,	Flush
Campbell st., south side, 217 ft. W. of County,	Post
Campbell st., south side, 206 ft. E. of Shawmut ave.,	Flush
Cherry st., opp. Seventh,	Post
Forest st., south side, 90 ft. W. of County,	Flush
Franklin st., S. W. cor. Pleasant,	Flush
Hazard st., S. W. cor. Pleasant,	Flush
Hazard st., south side, 140 ft. W. of State,	Flush
Hersom st., south side, 104 ft. E. of Baylies,	Post
Hudson st., south side, 755 ft. W. of Brock ave.,	Post
Lombard st., west side, 107 ft. N. of Thompson,	Post
Maple st., south side, 113 ft. W. of Rounds (North)	Post
Park st., west side, opp. Middle,	Post
Park st., N. W. cor. Court,	Post
Pleasant st., N. W. cor. Pope,	Flush
Pleasant st., west side, 245 ft. S. of Madison,	Flush
Seventh st., west side, 50 ft. N. of Madison,	Post
Sycamore st., S. W. cor. Thomas,	Flush
Transit st., west side, 138 ft. S. of Rockdale ave.,	Post
Transit st., N. W. cor. Frank,	Post
Whitman st., south side, 274 ft. E. of Diman,	Post

Number of hydrants set 1919	92
Number removed	28

Number to be added	64
Number in use December 1, 1918.....	1458
Number in use December 1, 1919.....	1522

TABLE K.

LOCATION OF WATERING CART HYDRANTS REMOVED IN 1919.

Campbell st., south side, 87 ft. W. of Purchase,	Flush
Number of Water Cart Hydrants set in 1919..	0
Number removed	1
To be deducted	1
Number in use December 1, 1918	66
Number in use December 1, 1919	65

TABLE L.

STATEMENT OF WORK DONE BY THE SERVICE DEPARTMENT
FOR YEAR ENDING NOVEMBER 30, 1919.

Kind and Size	Number of Services	Length on Taker	Length on City
Lead pipe 1 in. heavy..	3	40	106
Lead pipe 1 in. light...	2	83.5	46
Lead pipe $\frac{3}{4}$ in. heavy.	6	97.5	144
Lead pipe $\frac{3}{4}$ in. light..	50	720	1203
Lead pipe $\frac{5}{8}$ in. heavy.	84	1236	2080
Lead pipe $\frac{5}{8}$ in. light..	141	2227	3506
Cast Iron pipe 6 inch....	6	2172	
Cast Iron pipe 4 inch....	1	98.8	
Cast Iron pipe 3 inch....	2	201	
Cast Iron pipe 2 inch....	3	188.6	
Galvanized Iron pipe 2 in.	0	4	
Totals.....	298	7068.4	7085

One 1 inch heavy lead service has been removed and replaced with 1 inch heavy lead, $\frac{3}{4}$ inch heavy lead and $\frac{5}{8}$ inch heavy lead.

One $\frac{1}{2}$ inch heavy lead service has been removed and replaced with $\frac{1}{2}$ inch heavy lead.

One $\frac{1}{2}$ inch heavy lead service has been removed and replaced with 1 inch heavy lead.

One $\frac{5}{8}$ inch iron service has been removed and replaced with $\frac{5}{8}$ inch light lead.

One connection to a service previously laid has been made by the Taker.

Six connections to services previously laid have been made by the city, using 9 ft. 2 inch cast iron, 26 feet $\frac{5}{8}$ inch light lead, 36 feet $\frac{5}{8}$ inch heavy lead, 77 $\frac{1}{2}$ feet $\frac{1}{2}$ inch heavy lead.

Ten extensions to services previously laid have been made by the city, using 3 $\frac{1}{2}$ feet 1 inch light lead, 176 $\frac{1}{2}$ feet $\frac{3}{4}$ inch light lead, 42 feet $\frac{5}{8}$ inch heavy lead, 21 feet $\frac{5}{8}$ inch light lead.

One $\frac{3}{4}$ inch heavy lead, five $\frac{5}{8}$ inch heavy lead, one $\frac{5}{8}$ inch light lead, two $\frac{1}{2}$ inch heavy lead services have been removed.

Length of service pipe laid during the year, 14544.9 ft.

Number of services laid 1919.....	298
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Number removed	9
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Number to be added	289
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Number in use November 30, 1918	15,376
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Number in use November 30, 1919	15,665
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SUMMARY OF STATISTICS

FOR THE YEAR ENDING 1919.

IN FORM RECOMMENDED BY THE NEW ENGLAND
WATER WORKS ASSOCIATION.

NEW BEDFORD WATER WORKS.

NEW BEDFORD,
BRISTOL COUNTY, MASS.

GENERAL STATISTICS.

Population by census of 1915, 109,568.

Date of construction, 1866 to 1869, inclusive. Further supply, 1895 to 1901, inclusive.

By whom owned, City of New Bedford.

Source of supply.—Water was first introduced on Nov. 26, 1869.

From that date until July 10, 1899, the supply was taken from a storing reservoir artificially formed by constructing a dam across the valley of the Acushnet River, seven miles north of the centre of the City. This supply was augmented by a connection made in 1886 with Little Quittacas Pond.

Since July 10, 1899, the whole supply has been taken from Great and Little Quittacas Ponds, eleven miles north of the centre of the city.

Mode of supply.—Previous to July 10, 1899, the water flowed by gravity from the Acushnet Storing Reservoir (grade 40' + high water New Bedford Harbor) through a brick conduit 3 feet wide, 4 feet high, 5 6-10 miles long to a receiving reservoir (capacity 3 million gallons; grade 30') located opposite the Purchase Street Pumping Station. Thence it was pumped into the Mt. Pleasant Distributing Reservoir (capacity 15 million gallons; grade 154') located 1,879 feet distant, from whence it flowed by gravity into the city's distributing system.

Since July 10, 1899, the entire supply has been pumped from Little Quittacas Pond (grade 52' through a 48-inch steel force main $8\frac{1}{4}$ miles long) to a distributing reservoir (capacity 67 million gallons; grade 216') located upon High Hill, in the town of Dartmouth. From this reservoir it flows into the city's distributing system by gravitation through two 36-inch cast iron pipes averaging 4 1-17 miles in length.

The first named system is not now in use, but is held in reserve to meet any emergency which might occur.

PUMPING STATISTICS.

1. Builders of Pumping Machinery.
Purchase Street Station:
 - a. McAlpine engine,
built by Quintard Iron Works, Cap. 5,000,000 gals. per 24 hrs.
 - b. High duty engine,
built by Henry R. Worthington, Cap. 5,000,000 gals. per 24 hrs.
- Little Quittacas Station:
 - a. b. Leavitt engines in duplicate, Capacity of the two engines
built by Dickson Mfg. Co.. 20,000,000 gallons per 24 hrs.
 - c. DeLaval electrically operat-
ed centrifugal pump, di- Capacity about 6,000,000 gals.
rectly connected with a delivered into High Hill Reser-
General Electric squirrel voir in 24 hours.
cage, type I, Form K, 3
phase, 60 cycle, 550 volt,
250 H. P., induction A. C.
motor, operating at about
1800 revolutions per min-
ute, built by DeLaval
Steam Turbine Co. Current
purchased of New Bedford
Gas and Edison Light Co.

LITTLE QUITTACAS STATION—Engine A.

2. Description of fuel used.
 - a. Kind—bituminous.
 - b. Brand of coal—Pocahontas.
 - c. Price of coal per net ton—delivered Little Quittacas
Station, \$8.39.
 - d. Percentage of ash—7.
 - e. Wood, price per cord—none used.
3. Coal consumed for the year—3,747,650 lbs.
4. [Pounds of wood consumed] ÷ 3 = equivalent amount of
coal—none used.
5. Total equivalent coal consumed for the year = (3) + (4),
3,747,650 lbs.
6. Total pumpage for the year—3,172,592,232 gallons with
allowance for slip.
7. Average static head against which pumps work—166.08.
feet.
8. Average dynamic head against which pumps work—185.64.
feet.
- 9a. Number of gallons pumped per pound of equivalent coal
(5)—846.

- 9b. Number of gallons raised 100 feet per pound of equivalent coal (5)—1570.
10. Duty = $\frac{\text{gals. pumped (6)} \times 8.34 \text{ (lbs.} \times 100 \times \text{dynamic head (8))}}{\text{Total fuel consumed (5)}} = 131,066,844$

LITTLE QUITTACAS STATION—Engine C.

11. Total pumping time for the year, 1389 $\frac{3}{4}$ hours.
12. Total current used for the year, 314,200 K. W. H.
13. Total pumpage for the year, 351,575,000 gallons.
14. Number of gallons pumped per K. W. H., 1118.
15. Number of K. W. H. required to raise one million gallons into High Hill Reservoir, 893.69.
Cost per K. W. H. varies in accordance with amount of energy consumed.
16. Average cost per K. W. H., \$.02156.
17. Cost per million gallons raised into High Hill Reservoir, \$19.27.
Cost of pumping, figured on pumping station expenses, viz.:
\$45,176.63.
18. Per million gallons pumped—\$12.81.
19. Per million gallons raised one foot (dynamic)—7 cents.
Cost of pumping figured on total maintenance and interest on bonds, (see financial CC+DD) viz.: \$225,187.60
20. Per million gallons pumped—\$63.90.
21. Per million gallons raised one foot (dynamic)—33 $\frac{9}{10}$ cents

FINANCIAL STATISTICS.

RECEIPTS.		EXPENDITURES.	
<i>Balance brought forward,</i>	\$ 40,030.13	<i>Water works maintenance:</i>	
(a) From ordinary (main-		AA. Operation,	
tenance) receipts,	30,722.71	(management	
(b) From extraordinary re-		and repairs) \$154,327.60	
ceipts (bonds, etc.)		CC. Total maintenance,	\$154,327.60
		DD. Interest on bonds	70,860.00
Total,	\$ 70,752.84	(CC+DD),	\$225,187.60
<i>From water rates:</i>		EE. Payment of bonds,	19,000.00
A. Fixture rates,		FF. Sinking fund,	27,900.00
B. Meter rates, \$363,690.55.		<i>Water works construction:</i>	
C. Total from consumers, 363,690.55		GG. Extension of	
D. For hydrants,		mains, \$42,023.77	
E. For fountains,		HH. Extension of	
F. For street watering, 538.88		services, 9,945.37	
G. For public buildings,		II. Extension of	
(included in meter		meters, 1,361.14	
rates)		JJ. Special, 17,173.89	
H. For miscellaneous uses, 33.50		KK. Total construction,	70,504.17
I. General appropriations,		LL. Unclassified expenses:	
J. Total from municipal		MM. Balance:	
departments, (included		(aa) Ordin-	
above)		ary, 103,919.73	
K. From tax levy,		Total balance,	103,919.73
L. From bond issue,			
M. From other sources:			
For building purposes, 752.86			
For meter rentals, 20,742.87			
N. Total,	\$446,511.50	N. Total,	\$446,511.50

Disposition of balance,-----	
O. Net cost of works to date-----	\$4,495,704.18
P. Bonded debt to date-----	1,864,000.00
Q. Value of sinking fund at date-----	1,111,918.05
R. Average rate of interest-----	3 $\frac{98}{100}$ + per cent.

STATISTICS OF CONSUMPTION OF WATER.

*1.	Estimated total population at date.....	124,290
*2.	Estimated population on lines of pipe.....	123,290
*3.	Estimated population supplies.....	123,290
4.	Total consumption for the year....	3,522,453,626 gallons
5.	Passed through meters.....	3,032,283,700 gallons
6.	Percentage of consumption metered.....	86 per cent.
7.	Average daily consumption.....	9,650,557 gallons
8.	Gallons per day to each inhabitant.....	78
9.	Gallons per day to each consumer.....	78
10.	Gallons per day to each tap.....	602
11.	Cost of supplying water, per million gallons figured on total maintenance (item CC)	\$43.81
12.	Total cost of supplying water, per million gallons figured on total maintenance + interest on bonds	\$63.92

*Includes population supplied in the Towns of Dartmouth and Acushnet.

STATISTICS RELATING TO DISTRIBUTING SYSTEM.

MAINS.

1.	Kind of pipe, cast iron and steel.
2.	Sizes, from 4 inch to 48 inch.
3.	Extended 21,269 feet during the year.
4.	Discontinued 6,070 feet during year.
5.	Total now in use, 174 $\frac{2216}{100000}$ miles.
6.	Cost of repairs per mile, \$32.13.
7.	Number of leaks per mile, .074703.
8.	Length of pipes less than 4 inches diam., 1 $\frac{31723}{100000}$ miles.
9.	Number of hydrants added during year (public and private), 66.
10.	Number of hydrants (public and private) now in use, 1948.
11.	Number of stop gates added during the year, 47.
12.	Number of stop gates now in use, 2,398.
13.	Number of stop gates smaller than 4 inch, 107.
14.	Number of blow offs, 182.
15.	Range of pressure on mains, 16 lbs. to 91 lbs.

SERVICES.

16.	Kind of pipe: lead, wrought iron and cast iron.
17.	Sizes, $\frac{1}{2}$ inch to 10 inch.
18.	Extended 14,545 feet.
19.	Discontinued 320 feet.
20.	Total now in use, 113.90 miles.
21.	Number of service taps added during year: New Bedford.....289 Dartmouth 24 Acushnet 3 Total added .....316
22.	Number now in use. New Bedford.....15,665 Dartmouth 238 Acushnet 117 Total in use.....16,020
23.	Average length of service, 38.4 feet.
24.	Average cost of service for the year. a. Gross, \$33.39. b. Net, \$11.10.
25.	Number of meters added, 167.
26.	Number now in use, New Bedford only, 15,019.
27.	Percentage of services metered, 95 $\frac{1}{10}$.
28.	Percentage of receipts from metered water (B \div C), 100.

ANNUAL REPORT OF THE WATER BOARD FOR THE YEAR 1919.

IN BOARD OF ALDERMEN,
January 8, 1920.

Received, ordered printed in City Documents and
sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,
January 8, 1920.

Concurred.

HAROLD WINSLOW,
Clerk.

CITY ORDINANCES AND AMENDMENTS

PASSED BY THE CITY COUNCIL

OF THE

CITY OF NEW BEDFORD

From May 8, 1919 to May 14, 1920



NEW BEDFORD, MASS.
THE BAKER MANUFACTURING CO., PRINTERS
1920

CITY ORDINANCE

Amending Ordinance Relative to Public Vehicles

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Nineteen

AN ORDINANCE

Amending an Ordinance Relating to Public Vehicles, passed by the City Council and approved by the Mayor May 8, 1919. Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1.

Section 643 of an ordinance passed by the City Council and approved by the Mayor May 8, 1919, relating to Public Vehicles, is hereby amended by eliminating the last paragraph thereof and by adding in its place two new paragraphs, viz.:

"A fee of ten dollars shall be paid to the City Clerk for every license issued to a person to drive a public vehicle licensed under Class B of this ordinance.

"Provision is hereby made for the issue of special employers' blanket drivers' licenses, by the City Clerk, to any person, firm or corporation employing, in the aggregate, five or more drivers of public vehicles licensed under either Class A or Class C of City Ordinance passed by the City Council and approved by the Mayor May 8, 1919. Under such blanket license the licensee may employ, in the driving of vehicles licensed under said Class A or Class C, and operated by said licensee, any suitable person, over 21 years of age, unless disapproved by the City Clerk, who possesses a chauffeur's license issued by the Massachusetts Highway Commission and in force at the time of such employment. A fee of ten dollars (\$10) shall be charged for each of such special employers' blanket drivers' licenses, covering a group of every ten or any part of ten drivers so simultaneously employed. At the time of the issue of such special employers' blanket drivers' license, the City Clerk shall issue to the person, firm or corporation so licensed, without extra cost, specially designed badges, so marked as to indicate the identity of the employing licensee. Each driver employed under a license issued under this section shall wear one of the badges herein described while driving any Class A or Class C vehicle as described in said ordinance. Within three days after the employment of a new driver, by the employer licensed under this section, he shall cause said driver to undergo examination by a representative of the Board of Aldermen, as provided in section 642 of the ordinance, and receive a certificate of fitness from said examiner, which he shall present to the City Clerk, who shall register his name, residence, personal description and the name of his employer,

and issue to him an identification card, as provided in section 644, which identification card said driver shall carry at all times while engaged in driving a licensed vehicle. No charge shall be made for such examination. The employer to whom such blanket drivers' license is issued shall be required to keep, in his place of business, a list containing the name, residence and a brief personal description of every driver employed under such license, which list shall be open to public inspection at all reasonable times, and a copy of which shall be furnished to the City Clerk upon demand," so that said Section 643, as amended, shall read as follows:

Section 643. No license to operate on Routes No. 1 and 2 shall be granted to any person not a resident of New Bedford. No license shall be issued to any person not a citizen of the United States unless such person shall have filed first papers seeking naturalization or if having filed his first naturalization papers, he shall be required to become a citizen of the United States as soon as the law permits.

No license shall be issued to any person who is in the discretion of the City Clerk physically or mentally unfit, or unable to clearly speak and intelligently write the English language, and who does not also possess a chauffeur's license issued to him by the Massachusetts Highway Commission and in force at the time when such application is made.

The license shall contain the name, place of residence, post-office address of the licensee, a brief personal description of the licensee sufficient for identification, including age, height, weight, color of hair, color of eyes, and any peculiarly distinguishing characteristic. Said license shall state the date of the expiration of the license which shall be one year from the date of the issuance thereof.

"A fee of ten dollars shall be paid to the City Clerk for every license issued to a person to drive a public vehicle licensed under Class B of this ordinance.

"Provision is hereby made for the issue of special employers' blanket drivers' licenses, by the City Clerk, to any person, firm or corporation employing, in the aggregate, five or more drivers of public vehicles licensed under either Class A or Class C of City Ordinance passed by the City Council and approved by the Mayor May 8, 1919. Under such blanket license the licensee may employ, in the driving of vehicles licensed under said Class A or Class C, and owned by said licensee, any suitable person, over 21 years of age, unless disapproved by the City Clerk, who possesses a chauffeur's license issued by the Massachusetts Highway Commission and in force at the time of such employment. A fee of ten dollars (\$10) shall be charged for each of such special employers' blanket drivers' licenses, covering a group of every ten or any part of ten drivers so simultaneously employed. At the time of the issue of such special employers' blanket drivers' license, the City Clerk shall issue to the person, firm or corporation so licensed, without extra cost, specially designed badges, so marked as

to indicate the identity of the employing licensee. Each driver employed under a license issued under this section shall wear one of the badges herein described while driving any Class A or Class C vehicle as described in said ordinance. Within three days after the employment of a new driver, by the employer licensed under this section, he shall cause said driver to undergo examination by a representative of the Board of Aldermen, as provided in Section 642 of the ordinance, and receive a certificate of fitness from said examiner, which he shall present to the City Clerk, who shall register his name, residence, personal description and the name of his employer, and issue to him an identification card, as provided in Section 644, which identification card said driver shall carry at all times while engaged in driving a licensed vehicle. No charge shall be made for such examination. The employer to whom such blanket drivers' license is issued shall be required to keep, in his place of business, a list containing the name, residence and a brief personal description of every driver employed under such license, which list shall be open to public inspection at all reasonable times, and a copy of which shall be furnished to the City Clerk upon demand."

SECTION 2.

Section 638 of an ordinance passed by the City Council and approved by the Mayor May 8, 1919, relating to Public Vehicles, is hereby amended by striking out the following clause, beginning in the 23d line thereof, viz.:—"A fee of Ten Dollars for each vehicle license of Class A and B, and a fee of One Dollar for each license of Class C shall be paid to the City Clerk before the issuance thereof," and by inserting in place thereof the following paragraph, viz.:—"The following fees shall be paid to the City Clerk before the issuance of any license herein mentioned, viz.:—Class A, One Dollar; Class B, Ten Dollars; Class C, One Dollar," so that said Section 638, as amended, shall read as follows:

Section 638. The licenses issued by the City Clerk shall be in such form as shall be approved by the Mayor and Aldermen and shall state the name, place of residence and postoffice address of the licensee, who shall be a resident of the Commonwealth; a brief description of the vehicle licensed, the serial number of the license, the term of the license, the class of service for which said vehicle is to be used; and in case of vehicles under Class A the stand or stands or the stable, garage, office or other specific place at which persons may engage the vehicle; and in case of vehicles under Class B the route on which said vehicle is to be used; and such other provisions as the Mayor and Aldermen may from time to time prescribe. Said licenses shall expire on the thirtieth day of April following the issuance thereof.

The following fees shall be paid to the City Clerk before the issuance of any license herein mentioned, viz.:—Class A, One Dollar; Class B, Ten Dollars; Class C, One Dollar.

Vehicles licensed for the transportation of passengers, Class A and Class B, shall have a metal seal bearing the words "Licensed Vehicle No. —," setting forth the serial number of the license and the date of its expiration, said seal to be attached to the vehicle so that it is conspicuously displayed whenever said vehicle is being used for hire. Said metal seals shall be furnished by the City Clerk and a fee of fifty cents shall be paid to the City Clerk before the issuance of the license. Vehicles licensed under Class B shall at all times when operated under said license carry a sign stating the termini of the route, the fare to be charged and the license number, which sign shall be so printed and attached to the vehicle as to be plainly visible to persons on the street and with a printed sign thereon showing the schedule of service filed and in effect at the time, which sign shall be so printed and attached to the said vehicle as to be plainly visible to passengers boarding such vehicle. The letters and figures contained on the sign shall be not less than $2\frac{3}{4}$ inches in height and shall have a stroke of not less than one-quarter of an inch in width, and shall be subject to the approval of a representative designated by the Board of Aldermen. No other advertising sign of any kind shall be placed or carried on any such vehicles, except as specifically permitted by the Chief of Police. Vehicles licensed for the transportation of goods, Class C, shall have wagon plates setting forth the serial number of the license and the date of its expiration. Said plates to be conspicuously displayed on each side of the body of the vehicle. Said wagon plates shall be furnished by the City Clerk and a fee of fifty cents shall be paid to the City Clerk before the issuance of the license. The color of said seals and wagon plates shall be changed annually.

The license issued for the operation of such vehicles under Class A and B shall designate the number of passengers, exclusive of the operator, the licensee is authorized to carry in said vehicle, and no person driving or in charge of said vehicle shall take on or suffer to permit any more persons to ride or to be carried thereon at any one time than the number designated in the license, nor permit any person to stand inside, or to stand or sit upon the running board, step, fender, dash or hood thereof, or to permit any person to ride on such vehicle outside the body thereof; provided, however, that in addition to the number of passengers which said vehicle, by the terms of its license is permitted to carry, children under seven years of age may be carried therein, in arms, or seated on the laps of parents or adult persons accompanying them, but no passenger with a child in arms or seated on the lap shall be permitted on any front seat of the vehicle.

The licensee shall not reconstruct, materially alter, modify or add to the body or seating arrangements of any motor vehicle after the license thereof is issued, without first applying for and receiving the consent of the licensing authorities.

No license shall be transferable or applicable to any other

motor vehicle than those specified therein, or, in case of vehicles licensed under Class B, or between any other termini or on any other route or routes, provided, however, that the Board of Aldermen may, upon the application filed with the City Clerk, revise said license in accordance with the provisions of these regulations, so that under said license as revised another motor vehicle may be substituted for the one previously covered, or either the termini or the route or routes set forth in the license may be changed.

The City Clerk shall keep a record of all licenses issued under the provisions of the ordinances relating to public vehicles.

SECTION 3.

The City Treasurer is hereby authorized and directed to make a refund to any licensee to whom a Public Vehicle License or a Special Driver's License has been issued, under the provisions of an ordinance passed by the City Council and approved by the Mayor, May 8, 1919, previous to the date when this ordinance becomes effective, upon the receipt of a certificate from the City Clerk setting forth the kind of license and the amount to be refunded, which certificate the City Treasurer shall retain as his voucher for so doing.

SECTION 4.

Section 646 of an ordinance passed by the City Council and approved by the Mayor, May 8, 1919, relating to Public Vehicles, is hereby repealed.

SECTION 5.

Section 647 of an ordinance passed by the City Council and approved by the Mayor, May 8, 1919, relative to Public Vehicles, is hereby amended by striking out said section and substituting in place thereof the section following, viz.:

Section 647. The fares for the conveyance of passengers in licensed vehicles used for the conveyance of passengers for hire, shall be as follows:

For vehicles licensed under Class A, for conveying one or more adult passengers from place to place within the portion of the city described hereafter, the fare shall not exceed fifty cents per passenger, except between the hours of 9 o'clock P. M. and 6 o'clock A. M., when the rate shall not exceed seventy-five cents per passenger; for each child between the ages of four and twelve years, one-half of the above rates; for children not over four years of age, accompanied by their parents or guardians, no charge; for the charges aforesaid, each passenger may carry a hat box, grip sack, portmanteau or other similar article; for one trunk accompanying a passenger 15 cents; provided, however, that the City Council may in its discretion change any or all the rates established in this section and the rates so established shall continue until changed by the City Council.

Maximum hourly rates for the service of vehicles licensed under Class A shall not exceed the following:

For shopping trips—

5-passenger car.....\$2.00 per hour

7-passenger car.....\$2.50 per hour

7-passenger limousine.....\$3.00 per hour

For running around town—

5-passenger car.....\$2.50 per hour

7-passenger car.....\$3.00 per hour

7-passenger limousine.....\$3.50 per hour

At the above hourly rates the charge may be the same, whether there is one passenger or whether the entire carrying capacity of the car is used.

The City Clerk shall supply rate cards showing plainly the fares which may be charged to owners of all vehicles licensed under Class A and such cards must at all times be displayed in each licensed vehicle of Class A where it can be plainly read by every passenger.

SECTION 6.

This ordinance shall take effect on its passage.

In Common Council.

Passed to be ordained,

July 23, 1919.

FRANK A. McNULTY,

President.

In Board of Aldermen.

Passed to be ordained,

July 23, 1919.

C. W. BARTLETT,

Acting Mayor.

Presented to and approved by the Mayor, July 25, 1919.

W. H. B. REMINGTON,

City Clerk.

A true copy. Attest:

W. H. B. REMINGTON,

City Clerk.

CITY ORDINANCE

Regulations for Pawnbrokers, Junk Dealers, Etc.

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Nineteen

AN ORDINANCE

Making Regulations as to Pawnbrokers and Dealers in Junk, Old Metals and Any Second Hand Articles.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Every person, firm or corporation, holding a license as a pawnbroker or a license as a dealer in junk, old metals or any second hand articles, granted and issued by the Mayor and Aldermen or by the City Clerk, in accordance with the provisions of law, shall make a daily return to the Chief of Police, on blank forms to be obtained from said Chief by said licensee, the form of said blank having been first approved by the Mayor and Aldermen, covering the particulars of all loans, purchases, sales or transactions of any nature involving property pawned, bought, sold or exchanged under said license. It shall be a condition of every license herein mentioned that the licensee shall immediately notify the officer in charge of police headquarters of any attempt or suspected attempt on the part of any person entering the licensed premises toward the disposal of property by pawn, sale, exchange or by any other means, when the attending circumstances indicate any possibility that said property has been stolen, or is unlawfully in the possession of the person offering it for pawn, sale or exchange.

Section 2. The holder of a license as a pawnbroker, or the holder of a license to deal in junk, old metals or any second hand articles, shall require the person who pawns, sells or exchanges any property, upon the licensed premises, to personally sign his name in full, and to add thereto his address in his own handwriting, upon a card which shall be furnished to said licensee by the Chief of Police. The licensee shall thereto add a personal description of the person offering any article for pawn, sale or exchange, in form substantially as follows: Complexion,; height, feet, inches; weight, pounds; color of hair,; color of eyes,; any particularly distinguishing characteristic, If the person offering said article for pawn, sale, or exchange, cannot write, the licensee shall so state on said card, and shall witness his mark in place of the signature required herein. Any person who makes a false statement regarding his inability to write his name, or who writes on the card herein described an address which is not his bona-fide address at the time of so writing, or who makes a false statement to the licensee regarding any of the items of data included in the personal description herein required, shall be punished by a fine not exceeding twenty dollars; and any licensed pawnbroker, or licensed dealer in junk, old metals or any second hand articles who knowingly makes, on the card provided as herein mentioned and furnished by the Chief of Police, any false statement as to the inability to write or the personal description of any person who offers any articles for pawn, sale or exchange, shall be punished by a fine not exceeding twenty dollars. The card above described shall be preserved and filed by the licensee, and shall be displayed by him on request of any police officer of the City of New Bedford.

Section 3. Whoever violates any of the provisions of this ordinance shall be punished by a fine not exceeding twenty dollars for each offence, and any license as a pawnbroker or

as a dealer in junk, old metals or any second hand articles held by him shall forthwith be revoked by the Mayor and Aldermen upon notification of conviction of such violation by the Chief of Police, who is hereby directed to notify the Mayor and Aldermen of every such conviction involving a person, firm or corporation holding such license from the City of New Bedford.

Section 4 No new license as a pawnbroker, or as a dealer in junk, old metals or any second hand articles shall be granted or issued to a person, firm or corporation whose license has been revoked, as set forth in Section 3 of this ordinance, or to a firm or corporation in which any person whose license has been so revoked is in any way financially interested, for the period of five years following such revocation.

Section 5. This ordinance shall take effect upon its passage.

In Board of Aldermen, Sept. 25, 1919.

Passed to be ordained.

CHAS. S. ASHLEY,

Mayor.

In Common Council, Sept 25, 1919.

Passed to be ordained.

FRANK A. McNULTY,

President.

Presented to and approved by the Mayor, Sept. 25, 1919.

A true copy. Attest:

W. H. B. REMINGTON,

City Clerk.

CITY ORDINANCE

Erection of Garages

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Nineteen

AN ORDINANCE

Regarding the Erection or Conversion of a Building for Use as a Garage.

Be it ordained by the City Council of New Bedford as follows:

Section 1. No building shall be erected or converted for use as a Garage within the limits of the City of New Bedford until a petition, signed by the owner thereof, or his agent, has been granted and approved by the Mayor and Aldermen and a permit therefor has been issued by the City Clerk; and such grant and approval shall be subject to compliance by the owner thereof, or his agent, with all the requirements of the building laws and ordinances of the city.

Section 2. Every petition for the erection or conversion

of a building for use as a Garage within the limits of the City of New Bedford shall be filed in the office of the Inspector of Buildings. Under the direction of the Inspector of Buildings a plan shall be drawn to scale, showing the ground, size and shape of the building, the location of the building with relation to the street, its location upon the lot on which it is now located or is to be built, the structures on this and the several adjoining lots, and the names of the owners of all the several lots of land included in the plan.

Section 3. The Inspector of Buildings and the Chief of the Fire Department shall investigate and report, in writing, to the Mayor and Aldermen, whether or not, in their judgment, the location of the Garage, as petitioned for, is consistent with public interests and welfare; they may recommend any change which in the opinion of either of them will better serve the public interest or welfare, clearly noting and indicating such changes on the plan referred to in Section 2.

Section 4. The petition, report of the Inspector of Buildings and the report of the Chief of the Fire Department, accompanied by the plan hitherto referred to, and by one blue print copy of said plan, shall be filed by the Inspector of Buildings in the office of the City Clerk, and the City Clerk shall submit the same to the Mayor and Aldermen at the next meeting of said Board following such filing. Upon the action of the Mayor and Aldermen on said petition, the City Clerk shall issue a permit in accordance with such action, accompanying same by the blue print copy of the plan herein mentioned, or shall notify the petitioner of the refusal of the Mayor and Aldermen to grant said petition, as the case may be.

Section 5. The Inspector of Buildings, at the time of filing in his office of any petition for the erection or conversion of a building to be used as a Garage, shall collect a fee of Five Dollars to cover the cost of preparing plans, inspection and clerical service, which said fee shall be turned into the City Treasury forthwith.

Section 6. Any permit issued under the provisions of this ordinance shall not in any way relieve the owner of any building to be erected or converted for use as a Garage, or his agent, from securing a permit from the Superintendent of Buildings as required by the building code and set forth particularly in Sections 141 to 162 of the Ordinances of 1916, or any amendment thereof.

Section 7. This ordinance shall take effect on the first day of January, in the year 1920.

In Board of Aldermen, Dec. 10, 1919.

Passed to be ordained.

CHAS. S. ASHLEY,

Mayor.

In Common Council, Dec. 11, 1919.

Passed to be ordained.

FRANK A. McNULTY,
President.

Presented to and approved by the Mayor, Dec. 12, 1919.

A true copy. Attest:

W. H. B. REMINGTON,
City Clerk.

CITY ORDINANCE

FIRE DEPARTMENT

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty.

AN ORDINANCE

Amending Section 382, Revised Ordinances of 1916, to Provide for a Fourth Assistant Engineer of the Fire Department.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 382 of the Revised Ordinances of 1916 is hereby amended by inserting in the third line thereof, the words "and fourth," so that said section shall read as follows: "Section 382. Annually in the month of April, the City Council shall elect, in convention, a chief, and a first, second, third and fourth assistant engineer of the fire department."

Section 2. This ordinance shall take effect upon its passage.

In Board of Aldermen, May 13, 1920.

Passed to be ordained.

CHAS. S. ASHLEY,
Mayor.

In Common Council, May 13, 1920.

Passed to be ordained.

ROBERT L. BAYLIES,
President Pro Tem.

Presented to and approved by the Mayor, May 13, 1920.

A true copy. Attest:

W. H. B. REMINGTON,
City Clerk.

CITY ORDINANCE

BIDS AND CONTRACTS

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty.

AN ORDINANCE

Amending Sections 466 and 468 of the Revised Ordinances of 1916.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 466 of the Revised Ordinances of 1916 is hereby amended by crossing out the words "one hundred dollars" in the third line thereof, and inserting the words "two hundred dollars"; so that said section shall read: "Section 466. All contracts made by the City Council, or either branch thereof, or by any department, board or committee, if the cost exceeds two hundred dollars, shall be in writing, signed for and in behalf of the city by the Mayor and by the Chairman of the board or committee or head of the department having the matter in charge, except as is otherwise provided."

Section 2. Section 468 of the Revised Ordinances of 1916, is hereby amended by substituting for the word "one" in the second line thereof, the word "two," so that said section as amended shall read as follows: "Section 468. In all contracts made by any department, board or committee where the cost exceeds two hundreds dollars, competitive bids shall be obtained as hereinafter provided. This provision shall be strictly construed to apply to all contracts in which the city is a party, except as follows: (a) Where, by reason of patent rights or copyrights, fair and reasonable competition cannot be obtained. (b) Where by reason of natural or actual monopoly, fair and reasonable competition cannot be obtained. (c) In case of emergency, where prompt action is required for the preservation of life, or the protection of property. (d) In case of election printing, where, in the opinion of the City Clerk, competition is not advisable. (e) Where, by reason of the peculiar or special nature of the article to be purchased, or work to be done, fair and reasonable competition cannot be obtained."

Section 3. This ordinance shall take effect upon its passage.

In Board of Aldermen, May 13, 1920.

Passed to be ordained.

CHAS. S. ASHLEY,

Mayor.

In Common Council, May 13, 1920.

Passed to be ordained.

ROBERT L. BAYLIES,

President Pro Tem.

Presented to and approved by the Mayor, May 14, 1920.

A true copy. Attest:

W. H. B. REMINGTON,

City Clerk.

REPORT
OF THE
TRUSTEES OF THE
Charles Kwiatkowski Fund

CITY OF
NEW BEDFORD, MASSACHUSETTS



NEW BEDFORD, MASS.
THE BAKER MANUFACTURING CO., PRINTERS
1920

REPORT

OF THE

TRUSTEES OF THE

CHARLES KWIATKOWSKI FUND

City of New Bedford,
April 17, 1920.

The Honorable City Council:—

The trustees of the Charles Kwiatkowski fund, appointed by ordinance passed February 27, 1919, charged with the disbursement of the sum of five thousand dollars appropriated by the City Council, for the benefit of the parents of Charles Kwiatkowski, a young man shot and killed September 2, 1918, while assisting the police in enforcing the law, ———— respectfully report the receipt of said sum from the city treasury and the payment to the beneficiaries of the sum of five thousand dollars in installments, as follows: May 3, 1919, twelve hundred dollars; August 30, 1919, eight hundred dollars; December 27, 1919, fifteen hundred dollars; and April 17, 1920, fifteen hundred dollars.

CHAS. S. ASHLEY, Mayor,

C. R. HATHAWAY, City Treasurer,

CHARLES J. McGURK, City Auditor,

Trustees of the Charles Kwiatkowski Fund.





